

DYNA-JET

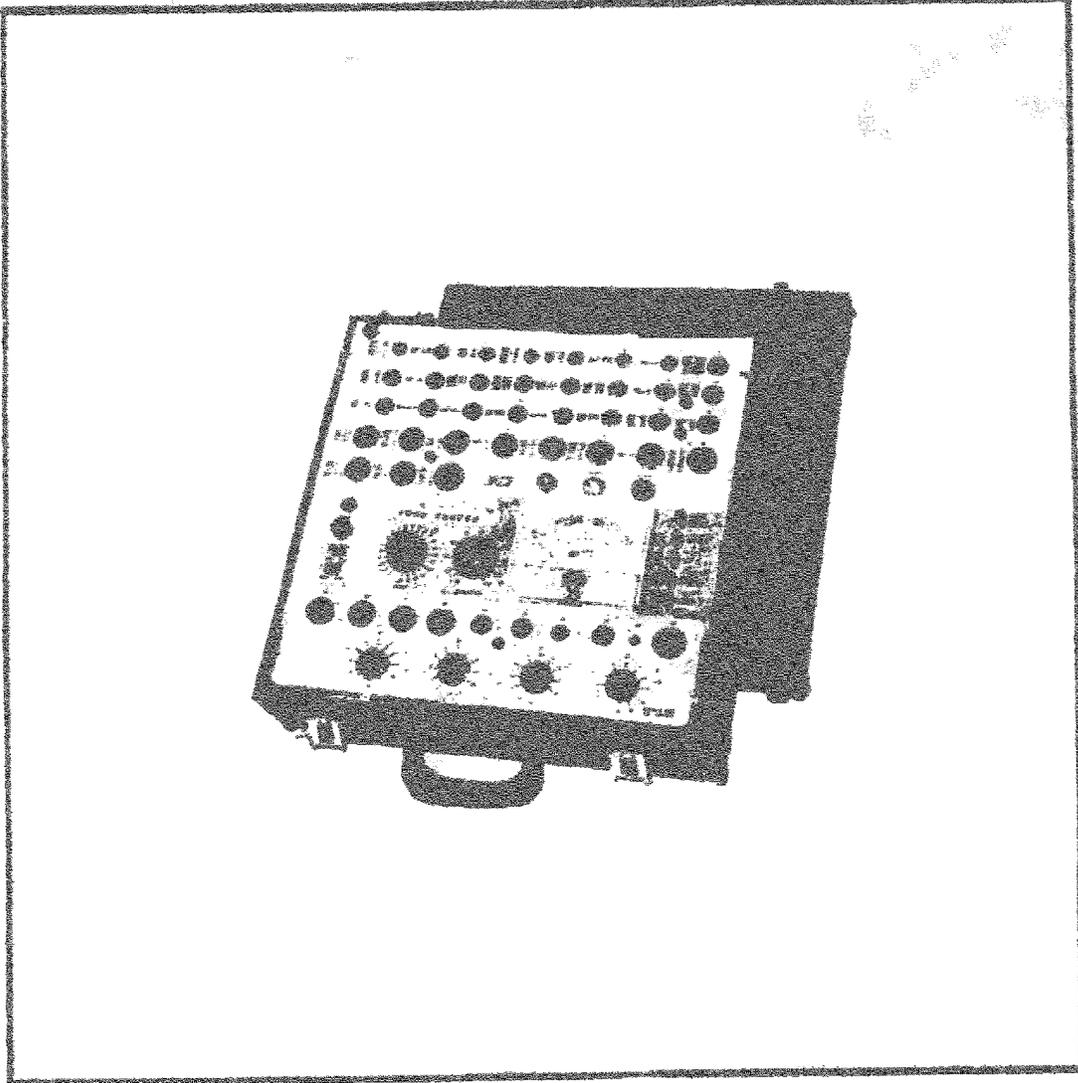
DYNAMIC MUTUAL CONDUCTANCE TUBE TESTER

RECEIVED
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INSTRUCTION MANUAL

MODEL
707





Dear Friend:

Congratulations on your purchase of B & K—Precision Test Equipment, and welcome to the B & K family. We hope your experience with your new test equipment will make you a lifetime B & K customer.

Your instrument is backed by more than 20 years of experience in designing and manufacturing. Our most important goal is your satisfaction. At B & K, test equipment is made to meet the demands of the field focusing on dependability and accuracy. We also concentrate on simplicity and operating ease with features that reduce the possibility of human error and speed the servicing process.

In order to determine the type of test units that are needed we have been guided by letters and reports from technicians and engineers who use the equipment daily. Our field tests and studies have helped provide better and faster service techniques. Close contact has been maintained with the manufacturers of consumer products which our test units will be checking and trouble-shooting.

Key personnel in our company cut their eye teeth in the TV service business. This is why we have more "sensitivity" for the problems and conditions under which the test equipment will be used.

B & K product designs are constantly reviewed, and refinements are made or new models developed to meet advances in our industry and to fill your needs. We set our standards high so you can be assured that the B & K test instruments you buy represent advanced design, quality construction, and dependable long-term performance at a price you can afford.

If you have any comments or thoughts about our products, or test equipment in general, I would be delighted to hear from you.

Thanks for your confidence in B & K and we look forward to serving you for a long time to come.

Sincerely,

A handwritten signature in dark ink, appearing to read "Carl Kern". The signature is fluid and cursive, written over a light-colored background.

Carl Kern
President

OPERATING INSTRUCTIONS

FOR

Model 707

DYNA-JET

DYNAMIC MUTUAL CONDUCTANCE

TUBE TESTER

B & K DIVISION OF DYNASCAN CORPORATION

1801 West Belle Plaine Avenue

Chicago, Illinois 60613

Information on your new Dyna-Jet Model 707 Tube Tester

WHAT IT WILL DO

No. 1—The Dyna-Jet Model 707 Tube Tester will check more than 99% of the TV tubes in general use. Tubes can be tested in an incredibly short time since only a minimum number of controls need be set.

No. 2—The Model 707 will provide accurate results because it checks most tubes for their Dynamic Mutual Conductance (Gm) in a true transconductance bridge. Some tubes such as diodes are checked for emission only, since this test is usually sufficient. Tube types tested in the switch section are tested in a new Dyna-Jet Emission circuit.

No. 3—Each tube is automatically checked for shorts and leakage up to 1 megohm. These tests are made between the various elements of the tube and furthermore this test is made before the Gm measurement.

No. 4—Gas, grid emission, or even obscure grid-to-cathode leakage are all disclosed by an exceptionally sensitive grid current check. This test will reveal as little as 2 or 3 microamperes of current in the grid circuit.

No. 5—Each section of a dual-section tube is checked separately. Therefore tubes can be checked and selected for balance between sections. This is convenient for selecting dual section tubes to be used in push-pull circuits.

No. 6—The Model 707 is obsolescence proof as a result of the switch section of this instrument. All of the new type sockets are included in this section of the Model 707, such as 10 pin tubes, compactrons, nuvistors, etc. Provision is also made for simple installation if a new type of socket becomes necessary.

*General Information on your Dyna-Jet Model 707***TESTING TUBES FOR DYNAMIC MUTUAL CONDUCTANCE**

In radio and television circuits practically all tubes (except rectifiers and diodes) are used as some type of amplifier. Even oscillator circuits (i.e.—R.F. or horizontal oscillators) are basically amplifiers with regenerative feedback. Therefore, the most important characteristic to be checked to determine how effectively any radio or TV tube will function in its circuit, is its ability to amplify. This, in turn, is governed by its mutual conductance.

The mutual conductance is the ratio of the change in the plate current that results from a small change in grid voltage.

$$G_m = \frac{\Delta I_p}{\Delta E_g}$$

where:

ΔI_p = a change in plate signal current.

ΔE_g = a small change in grid signal voltage.

The amplification of a circuit = $G_m R_L$. Where R_L is the equivalent load resistance of the stage.

Since R_L is constant in any circuit, we see that the amplification depends directly on the G_m of the tube.

The G_m for a given tube can be measured accurately by applying the correct amount of a.c. signal voltage to the grid and measuring the resulting a.c. plate current. This is done by means of a sensitive bridge circuit.

Measuring the mutual conductance of a tube provides the most accurate and all inclusive single test that can be made on any tube.

TESTING DUAL TRIODES AND OTHER MULTI-SECTION TUBES

Each section of a dual-section tube is checked separately and quickly by depressing a push button switch. Therefore, tubes can be checked and selected for balance between sections. This test is illustrated in Fig. 1.

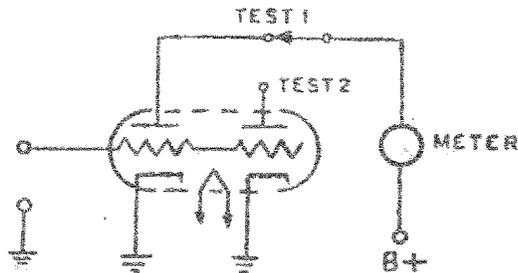


Figure 1—Each Section of Multisection Tube Tested Separately.

TESTING TUBES FOR GRID EMISSION AND GAS

The Grid Emission and Gas Test is an invaluable aid in TV servicing because it quickly picks out those tubes which can cause trouble in a.g.c., sync, I.F. amplifier, and R.F. tuner circuits.

In order to understand how a tube can have "grid emission" and "gas current" we must look into the theory of electron tubes.

There is normally some little evaporation of the cathode coating material on the grid of a tube. Some of this vapor tends to deposit on the grid and gives rise to what is known as "grid emission", where the grid itself emits electrons and draws current commonly known as "negative grid current". The flow of this "negative grid current" can be followed in Figure 2.

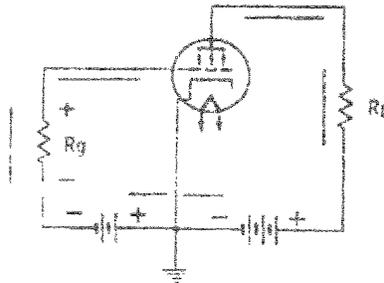


Figure 2—Negative Grid Current

The electrons flow from the grid to the plate then back through the power supply to the grid leak resistor R_g and up to the grid again. Notice that the voltage drop across the grid leak resistor R_g is such that it causes the grid to go more positive than it normally would with no grid emission.

If a slight amount of "gas" is present in a tube some of the electrons from the cathode will collide with molecules of the gas and may knock off one or more electrons, leaving positive ions (ionization). Some of these positive ions may then strike the grid, taking an electron from the grid to form a gas molecule again. The electron flow of this "gas current" is exactly the same as it is for the "grid emission current" and can be traced on Figure 2. Notice again that the grid is made more positive by this "gas current".

Now let us see what happens if an I.F. amplifier tube in a TV set has grid emission current or gas current (negative grid current). In Figure 2 we noted that the grid would tend to go more positive if negative grid current flowed.

In Figure 3, a typical I.F. stage, we see that if there is any negative grid current, the bias voltage in that stage and other associated stages will go more positive because of the flow of current through R_1 . Making the grid more positive will drive the tubes to saturation, causing clipping or overloading.

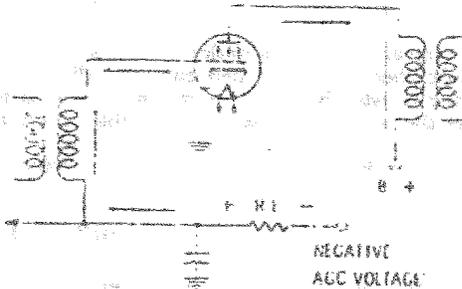


Figure 3—Typical I.F. Stage.

After detection, a video signal normally appears as shown in Figure 4. If the signal is clipped in an I.F. stage it will look like Figure 5. Now, the horizontal oscillator will try to synchronize both on the blanking signal (A) and on the very black portions of the video (B). This results in pulling or snaking of the picture.



Figure 4—Normal Video and Sync Signal



Figure 5—Overloaded or Clipped Video and Sync Signal.

To achieve this sensitive grid emission or gas test, the circuit shown in Figure 6 was employed.

The tube under test has its normal plate to grid voltage applied, but the grid is biased beyond cut-off so that no plate current flows. This bias is applied through the 5.6 megohm resistor. The same 5.6 megohm resistor is also in the grid circuit of a 6BNS d.c. amplifier and the conditions in this tube are such that it, too, is biased just beyond cut-off. Under these conditions, no plate current flows in the 6BNS and no reading is obtained on the meter in its plate circuit.

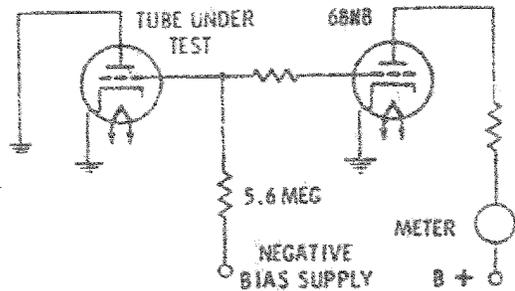


Figure 5--Grid Emission Test Circuit.

However, if the tube under test is gaseous, or its grid is contaminated with some of the cathode coating, then current will flow from grid to plate and through the 5.6 meg resistor back to the grid again. This will produce a positive voltage drop across the 5.6 meg resistor, lifting the cut-off bias on the 6BNS and producing a meter deflection. Upon seeing this deflection, the technician immediately knows that the test tube is defective and a replacement is indicated.

SHORTS TEST

The test for shorts between elements is made to a sensitivity of approximately 1 megohm. A shorted tube will cause the neon lamp marked Shorts to glow or will cause a deflection of the meter into the reject portion of the Short Reject meter scale. *Either indication indicates shorted elements.*

LIFE TEST

Many manufacturers have found that testing tubes under reduced heater voltage conditions will give a strong indication of its probable useful life. A tube may show adequate G_m under normal test conditions; however, a reduction of 10% to 15% of heater voltage may be marked by a sharp slump in G_m reading. This slump or decay indicates that the space charge of the tube has been depleted to the point where the tube will have a short remaining useful life. While the amount of life remaining cannot be too closely estimated, you can be reasonably sure that a tube showing a sharp slump is not a good risk for continued trouble-free service.

AUTOMATIC LINE VOLTAGE COMPENSATION

Every effort has been made to make the operation of this instrument as fast and simple as possible. Toward this end, a unique patented automatic line voltage compensation has been incorporated into the tester. A voltage sensitive bridge monitors the line voltage at all times and automatically adjusts the sensitivity of the G_m bridge to compensate for these line voltage variations. This eliminates the necessity of readjusting the line voltage for different types of tubes and at different line voltages.

Jerry Adoma⁶
1/2/73

HOW TO OPERATE THE MODEL 707 TUBE TESTER

1. Insert line cord.
2. Turn power switch ON.
3. Set Heater Switch and Sensitivity Control as indicated in tube chart.
4. Put **CIRCUIT TRANSFER** push button in proper position, depending on whether the pre-wired Jet-Check section or Switch section of the tester is to be used.
5. If tube is to be tested in the Switch section, set up switches A thru D as indicated on the chart.
6. Insert tube in socket.
7. Test in sequence; Shorts, Grid Emission and Quality of tube.

Test Procedure

The Model 707 is designed for use on 105/125 volt, 50/60 cycle A.C. only. **DO NOT** use any other type of current. With the line cord connected to the proper type of power and with the Power Switch in the ON position, the red pilot lamp will glow.

The Model 707 Tube Tester is effectively two tube testers in one. The multiple socket or Jet-Check section tests the most commonly used tubes found in television sets. This section provides the high speed testing of tubes so necessary in home servicing of television receivers. This section is located on the upper portion of the tube tester panel.

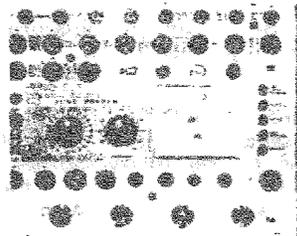


Fig. 7

The second section or Switch section is located at the bottom of the tube tester panel and has its own sockets associated with it. Included in this socket section are 2 10 pin sockets, 1 Nuvistor socket, and 2 Compactron sockets. The less frequently used tubes are tested in this portion of the instrument. It is also this section that protects against obsolescence.

Selection between the Jet-Check section and the Switch section is accomplished by a Circuit Transfer Switch. This switch is the top push button of the five buttons located to the right of the meter. When the button is "Up" the multiple socket or Jet-Check section of the instrument is activated. When the button is depressed and locked in the "Down" position, the Switch section of the instrument is in operation. The button is locked down by depressing the button and pushing slightly to the left. The button is released by pushing to the right. The button will then spring return to the UP position. See Fig. 7.

As an additional aid to quickly determine which section of the Model 707 is active, a neon indicator is located in the Multiple Socket panel section and another in the Switch section of the panel. See Fig. 7. The lamp that glows immediately indicates which section of the instrument is active.

SETTING UP TO TEST IN THE JET-CHECK SECTION

The most used tubes are listed beside appropriate sockets on the test panels.

On the socket panel itself, are listed only the most popular number of the tube type which is available in more than one filament voltage. For example: the 6BK5 is printed on the socket panel; however, the 12BK5, 25BK5 and 50BK5 tubes can also be tested in that same socket. The only difference in testing these tubes is that the Heater control is set to the correct filament voltage.

The setting of the Heater switch position determines the filament voltage applied to the tube under test. For example: the switch is set to 6 for 6.3 volt filament tubes, and the switch is set to 12 for 12.6 volt filament tubes, etc. This setting is usually determined by the first number of the tube designation. Thus, for a 6BK5, the heater control would be turned to 6; for a 12BK5, it would be turned to 12; and for a 25BK5, the control would be set to 25.

CAUTION: THE HEATER CONTROL MUST BE SET TO THE CORRECT FILAMENT VOLTAGE BEFORE INSERTING THE TUBE IN THE SOCKET. FAILURE TO OBSERVE THIS PRECAUTION COULD RESULT IN BURNING OUT A FILAMENT.

Since hundreds of other tube types besides those listed on the panel can be tested on the Model 707, each additional type (with socket placement and control settings) is listed in the Dyna-Jet Tube Selector Index. The test sockets are numbered 1 to 35 to aid in the quick identification of the correct socket.

The setting for the Sensitivity control is printed right next to the tube type on the socket panel. Examples: 6AU6 — 82
6U8 — 79-55

The tubes with multiple sections, such as the 6U8, have two sensitivity settings because there are two separate sections in this tube envelope. Because this type has two dissimilar sections, the sensitivity settings are different for each section, although on some types (e.g. 6SN7—78-78) the two sections are the same and therefore the sensitivity settings are the same.

When a multiple tube of dissimilar sections is tested, the Test 1 button tests the section that has the most elements and the other section will be tested with the Test 2 button.

EXAMPLE: 6U8 — 79-55

The first section tested is the pentode, and then the triode section is tested. If a type 6AT6 (triode - double diode) is to be tested, the Test 1 position will test the triode section and in the Test 2 position both diodes will be tested simultaneously.

In the case of a 6U4, the first section would be tested with the Test 1 button and the second section with the Test 2 button.

A lead, fitted with a plate cap connector and a pin plug is supplied for testing tubes having plate leads connected to caps on top of the tubes. Appropriate pin jacks are placed near the proper sockets for use with the plate lead. A line identifies each pin jack with its associated socket or sockets.

SETTING UP TO TEST WITH THE SWITCH SECTION

All tubes to be tested in the Switch section of the Model 707 are indicated by the socket number being #39 or higher, in the "Socket" column of the tube chart. Fig. 8 shows a typical listing for a tube to be tested in the Switch section of the instrument. Each of the switches is lettered and the position for each of these switches is indicated on the chart in the column under that letter. When all the switches have been set, insert the tube into the proper socket and proceed with the test. Each section of a multiple section tube is tested separately. Each section of a multiple section tube also has different switch settings. A typical listing of a multiple section tube is shown in Fig. 8. There is a common plate cap connector located between socket #39 and socket #40. This is the only plate cap connector used when testing tubes in the Switch section of the instrument.

You are now ready to proceed with the test.

TUBE TYPE	HEATER	SOCKET	SENSITIVITY		TEST			
			GOOD	BAD	A	B	C	D POS.
6AR5	6	39	85		5	4	12	1
			38		5	4	12	9
6AR8	6	39	30		5	4	12	6

Figure 8—Typical Listing of Tube Types in Chart.

SHORTS TEST — JET-CHECK SECTION

A tube is tested for shorts in the Jet-Check section of the tube tester by depressing the push button labeled SHORTS located just to the right of the meter. See Fig. 7.

The neon Shorts lamp should be observed while this button is depressed. Shorts or Leakage up to 1 megohm of value between elements of the tube under test, will cause the Shorts lamp to glow. Leakage of more than 1 megohm will be indicated on the meter. If a tube causes the meter to deflect into the "Shorts-Reject" area of the meter scales, this tube has leakage in excess of 1 megohm. Any tube which causes the Shorts lamp to glow, or the meter to read into the "Shorts-Reject" area of the meter scale should be discarded immediately. It is generally desirable when making the Shorts test to lightly tap the tube to be tested in order to show up any intermittent shorts. The push button is spring-loaded and will return to the up position when released. **DO NOT GIVE FURTHER TESTS TO TUBES WHICH ARE SHORTED.**

Shorts Test — Switch Section

Insert the tube into the proper socket. It is NOT necessary to depress the SHORTS push button when making this test in the Switch section. A check for some inter-element shorts is made immediately upon inserting the tube into socket. If the Shorts indicator glows, the tube is defective.

To test for any other Shorts or Leakage in the tube, rotate the "D" switch through each of its positions while observing the neon Shorts indicator. If the Shorts indicator glows in any of the switch positions of switch "D", the tube should be rejected. (As the switch is rotated from one position to the next, the Shorts indicator may instantaneously flicker due to capacity discharge. This is to be ignored.) Certain tube types have more than one pin connection for a given element. Therefore, the Shorts indicator lamp may normally glow in certain positions

of switch "D", even if there is no short in the tube. The chart will indicate where this normal Short will occur. Tubes should not be rejected for these normal Shorts.

Before proceeding with the remainder of the tests return the "D" switch to its proper position as indicated on chart.

Grid Emission and Gas Test

The tube is tested for Grid Emission, Gas Content, and extremely high resistance leakage when the Grid Emission push button is depressed. This test is used when testing tubes either in the Jet-Check section or in the Switch section of the Model 707 Tube Tester.

The result of the Gas and Grid Emission test will be observed as a deflection of the meter needle if the tube is gassy or has a contaminated grid. These conditions cause grid current to flow and since a current as low as 2 or 3 microamperes can be detected, this is a very sensitive test. A tube, although it may seem to operate normally in a receiver, should be discarded if the meter reads into the Grid Emission—Reject area of the scale during the Gas and Grid Emission test because a gassy condition usually becomes progressively worse and eventually may cause serious trouble. During the Gas Test additional inter element leakage tests are performed using the Short Lamp as the indicator. A glow of this lamp during the Gas Test indicates inter element leakage and is cause for discarding the tube. The importance of the Gas and Grid Emission tests cannot be overstressed. Case histories of hundreds of tube failures, particularly those used in R.F., I.F., and Video Amplifier stages, reveal that a substantial number were due to gas, grid emission or grid to cathode leakage. Grid to cathode leakage, caused by a high resistance leak (can be 1 megohm or higher) between the grid and cathode of the tube under test, will produce a deflection on the meter during the Gas and Grid Emission test but will not light the neon SHORTS lamp as would a low resistance leak or direct short between the grid and cathode. Grid to cathode leakage can be the source of poor picture quality, twisting, bending or pulling of the picture, vertical jitter or bounce, and sync buzz. The test circuit in Fig. 6 illustrates how the presence of grid to cathode leakage in the tube under test will produce a deflection on the meter due to the fact that enough current will flow through the 5.6 megohm resistor to make the 6BNS tube conduct.

Quality Test

A tube is tested for Gm in the Jet-Check section when the push button marked Test 1 is depressed. This test is made if the tube has passed the Shorts and Grid Emission tests. The Sensitivity Control is set at the value listed next to the test socket, or on the chart. The condition of the tube under test will then be indicated on the "Replace-?-Good" scale of the meter. Any tube not indicating Good should be replaced. If the tube under test is a multiple section tube, the Test 2 push button must be depressed to test the second section.

A tube tested in the Switch section, still must first pass the Shorts and Grid Emission test. The Sensitivity Control is set at the point indicated in the chart. Then Test 1 button is depressed to indicate the quality of the tube on the "Replace-?-Good" scale of the meter. This test is a Dyna-Jet Emission test. If it is a dual section tube a second set-up of the switches must be made according to the chart and test 1 button depressed to read the quality of the section being tested. To be sure that the Circuit Transfer switch is UP for the Jet-Check section, and locked down for the Switch section. The neon indicators located in the appropriate section of the panel give immediate indications as to which section is active.

You may test a tube whose quality is so high as to cause the meter to read off scale. This is normal and does not indicate a defect of the instrument.

There are some tube types whose Gm is so low that they will not read into the Good area. These types are read on the 0-120 scale. The chart listing for the types will state the minimum reading for a good tube. Example: Tube good if it reads 40 or more.

Life Test

The Life Test switch is located just below the pilot lights. In order to initiate the Life Test, push this switch to the right and hold the switch in this position while proper test button is depressed; since it is spring loaded it will return to its normal position when released.

The Life Test will help the serviceman judge how much useful life still remains in a tube being tested. A tube may test O.K. on the Gm test but the Life test will detect whether or not it is in the process of losing its Gm.

The heater voltage is reduced by a predetermined amount when the switch is in the LIFE TEST position. The reading on the meter will drop very little (or may even rise slightly) under the reduced heater voltage conditions if the tube has sufficient reserve to continue to operate normally. If the meter reading does not drop, the tube is in excellent condition. But if the tube under test has a depleted space charge, a large drop will occur in the meter reading indicating that a replacement is warranted. A drop of 25% of the normal meter reading indicates the tube is reaching the end of its useful life.

CHART SUBSCRIPTION SERVICE

The Model 707 Tube Tester enables you to test in excess of 2200 tube types. Included in this list are voltage regulator tubes, hybrid auto radio tubes, thyratron tubes and a wide assortment of European tubes used in modern Hi Fi equipment.

In order to keep your tube chart up to date, it is recommended that you subscribe to the B & K chart mailing service at a cost of \$2.50 per year. This service will provide mailings every 90 days. These mailings are made in the months of January, April, July and October. This will mean that within 90 days of the introduction of a new tube type you will automatically have the information on how it is tested in your B & K Tube Tester.

If you do not wish to use this "4 times per year" subscription service, the latest available chart may be obtained at any time by remitting \$1.50 to the factory with the Model and Serial Number of your instrument.

SERVICE INFORMATION

All necessary voltage readings are given on the schematic. If either of the No. 55 Pilot Lamps under the Socket Panel fails, both lamps must be replaced at the same time with a No. 55 type only.

The A.C. line fuse is located on the Socket Panel. Replace only with 1 amp. fuse of the same type.

During the following adjustments push button marked "Circuit Transfer" must remain in the UP or Jet-Check position.

Shorts Sensitivity Adjustment

To adjust Short Lamp Sensitivity, connect a 1 meg. resistor from pin 2 to pin 4 of socket No. 1. Adjust R-16, while Short button is depressed, until the Short Lamp just lights. R-16 is accessible with a screwdriver from the top of the panel through the center of socket No 30. Remove resistor. Short light should then go out.

Grid Emission Sensitivity Adjustment

The sensitivity of the grid emission test circuit is adjusted at the factory so that a leakage of 25 megohms just reads in the "Grid Emission-Reject" area on the meter scale. This order of sensitivity is the level that tube manufacturers recommend, in order not to reject good tubes.

To adjust the Grid Emission Sensitivity, connect a 20 meg. resistor from pin 1 to pin 7 of socket No. 1. Adjust R-18, while the Grid Emission button is depressed, for a meter reading of 20 on the numbered scale. R-18 is accessible with a screwdriver from the top of the panel through the center of socket No. 33. Remove resistor. Meter reading should then fall to zero with nothing plugged into panel.

If you wish to make the Grid Emission test more sensitive, use a 100 meg ohm resistor in place of the 20 meg ohm resistor as stated above.

Signal Voltage Adjustment

To calibrate the instrument for the proper signal voltage, connect an A.C. VTVM to pin 1 of socket No. 1. Connect the ground lead of the VTVM to pin 2 of socket No. 1. Adjust R-20 while test 1 button is depressed, for 1.5 volts R.M.S. R-20 is accessible with a screwdriver from the top of the panel through the center of socket No. 25.

D.C. Bias Adjustment

To adjust for proper D.C. Bias, connect a 20,000 ohm/volt meter between pin 1 and pin 2 of socket No. 1. Adjust R-11 while test 1 button is depressed for -2.5 V. D.C. R-11 is located beside the 6BN8 tube on the transformer bracket.

Balance Control Adjustment

To adjust R-5, connect a 6000 ohm, 10 watt resistor from pin 5 to pin 2 of socket No. 1. Set Sensitivity Control to 100. Adjust R-5 (while test 1 button is depressed) for zero reading on tube tester meter.

R-5 is located on the rear of the transformer mounting just behind the power transformer.

B & K Model 707 Parts List

SCHEMATIC SYMBOL	DESCRIPTION	B & K PART No.
CAPACITORS		
C-1	200 MFD @ 6.4V Pigtail Electrolytic Cap.....	022-001-9-007
C-4	20 MFD @ 250V Pigtail Electrolytic Cap.....	021-003-9-006
C-5	20 MFD @ 250V Pigtail Electrolytic Cap.....	021-003-9-005
C-101	10 MFD @ 35V Pigtail Electrolytic Cap.....	022-026-9-001

RESISTORS—CONTROLS

R-1	1K Ohm 3 Watt 10% Glass Res.....	003-003-6-102
R-4	150 Ohm 4 Watt 5% Glass Res.....	003-004-5-151
*R-5	20 Ohm W.W. Pot., Bal. Adj. (Internal).....	008-038-9-001
*R-6	1K Ohm 5 Watt W.W. Pot. (Spec. Taper) Sensitivity Control.....	009-001-9-002
R-7	150 Ohm 4 Watt 5% Glass Res.....	003-004-5-151
R-8	Part of M-2, not available separately.....	—
R-9	Part of M-3, not available separately.....	—
*R-11	3K Ohm W.W. Rheostat, Bias Adj. (Internal).....	009-017-9-001
R-16	2 Meg., 1/4 Watt Pot., (Short Sensitivity).....	008-027-9-001
R-17	50K Ohm 1/3 Watt Pot. (Gas Sensitivity Adj.).....	008-012-9-001
R-18	18K Ohm 4 Watt 10% Glass Resistor.....	003-004-5-183
*R-20	10 Ohm 5 Watt Pot. (Signal).....	009-001-9-001
R-21	16 Ohm 5 Watt 5% W.W. Res.....	006-005-5-160
R-22	16 Ohm 5 Watt 5% W.W. Res.....	006-005-5-160
R-101	4.7K Ohm 7 Watt 5% Glass Res.....	003-007-5-472
R-102	4.7K Ohm 7 Watt 5% Glass Res.....	003-007-5-472
R-106	470 Ohm 7 Watt 5% Glass Res.....	003-007-5-471
R-108	1K Ohm 7 Watt 5% Glass Res.....	003-007-5-102
R-109	2.4K Ohm 7 Watt 5% Glass Res.....	003-007-5-242
R-111	1K Ohm 7 Watt 5% Glass Res.....	003-007-5-102

SWITCHES

SW-1	"On-Off" Slide Switch.....	084-001-9-001
SW-2	"Life Test" Slide Switch, Spring Loaded.....	091-003-9-001
SW-3	"Heater" Switch.....	083-038-9-001
SW-4	"D" Selector Switch.....	083-030-9-001
SW-5	"C" Selector Switch.....	083-035-9-001
SW-6	"B" Selector Switch.....	083-027-9-001
SW-7	"A" Selector Switch.....	083-035-9-001
SW-8	"Push-Button Function" Switch.....	083-028-9-001

SCHEMATIC SYMBOL	DESCRIPTION	S & K PART No.
MISCELLANEOUS		
F-1	1 Amp. Sio-Blo Fuse	190-121-3-001
M-1	Meter (Indicate all numbers & letters following ME12 on meter face)	320-004-9-002
M-2	NE-2 Neon Bulb, with Resistor Circuit Transfer Indicator	401-001-9-002
M-3	NE-2 Neon Bulb, with Resistor Circuit Transfer Indicator	401-001-9-002
M-4	NE-51 "Shorts" Bulb	401-002-9-002
M-5	No. 55 Bulb, "Voltage Control" and "Pilot Light"	400-012-9-001
M-6	No. 55 Bulb, "Voltage Control" and "Pilot Light"	400-012-9-001
T-1	Power Transformer	065-002-9-001
V-1	No. 83 Rectifier Tube	232-001-9-001
V-2	6BN8 Tube	235-060-2-148
	Adaptor Plate	251-295-9-902
	7 Pin Test Socket	749-002-9-007
	Octal Test Socket	749-002-9-001
	9 Pin Test Socket	749-002-9-002
	Noval Test Socket	749-025-9-001
	Loctal Test Socket	749-014-9-001
	10 Pin Decal Tube Socket	749-037-9-001
	10 Pin Test Socket	749-002-9-003
	12 Pin Compactron Socket	749-024-9-001
	Nuvistor Test Socket	749-015-9-001
	Fuse Holder	742-001-9-001
	Ferrite Core	870-002-9-001
	Line Cord Strain Relief	380-001-9-002
	7 Pin Tube Straightener	766-004-9-001
	9 Pin Tube Straightener	766-005-9-001
	Banana Jack	774-001-9-002
	Plate Cap Assembly	ASMB-100
	Knob w/Skirt	751-028-9-001
	Push Button Knob	751-018-9-001
	Knob, w/White Line	751-010-9-001
	Carrying Case	270-003-9-002
	Socket F/Shorts Lamp Ass'y	749-005-9-001
	Bushing F/Shorts Lamp Ass'y (includes Nut 692-001-9-001)	649-007-9-001
	Clear Lens Cap	750-001-9-002
	Red Lens Cap	753-005-9-001
	Line Cord	420-001-9-007
	Carton and Fillers (503-010-9-001)	500-115-9-001
	Instruction Book	480-065-9-001
	Tube Chart	497-014-0-000

*Note: Standard value capacitors and resistors are not listed.
Values may be obtained from schematic diagram.*

Minimum charge \$2.00 per invoice. Orders will be shipped C.O.D. unless previous open account arrangements have been made or remittance accompanies order. Advance remittance must cover postage or express.

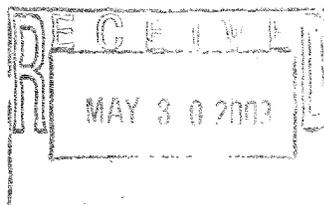
Specify serial number when ordering replacement parts.

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-ivity	A	B	C	D	Test Pos.
0A3	50	38	*70	2	11	3	5	1	1D13	2	41	*70	7	1	2	6	1	1S5	2	41	54	7	1	5	6	1
	*Normally shows short on position 11.									*Normally shows short position 5-11									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0A3A	50	38	*70	2	11	3	5	1	1D63	1	38	*95	3	8	5	10	1	1T4	2	41	50	7	1	5	6	1
	*Normally shows short on position 11.									*No short test.									*Normally shows short position 1-7.							
0B3	50	38	*68	2	11	3	5	1	1D-K1	1	40	*75	4	5	1	10	1	1U5	2	41	54	7	1	12	6	1
	*Normally shows short on position 11.									*Insert leads into pins 4 & 5 of socket 40.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Top cap goes to top lead.									*Normally shows short position 1-7.							
	*Normally shows short on position 11.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0C3	50	38	*85	2	11	3	5	1	1DK29	1	40	*75	4	5	1	10	1	1V2	1	40	99	5	4	12	1	1
	*Normally shows short on position 11.									*Insert leads into pins 4 & 5 of socket 40.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Top cap goes to top lead.									*Normally shows short position 1-7.							
	*Normally shows short on position 11.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0C3A	50	38	*85	2	11	3	5	1	1DN5	2	41	54	7	1	12	6	1	2AH2	2	45	99	1	12	12	10	1
	*Normally shows short on position 11.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0D3	50	38	*99	2	11	3	5	1	1DY4	1	41	*24	4	3	2	6	1	2AS2	2	45	99	1	12	12	10	1
	*Normally shows short on position 11.									*Normally shows short position 1-7.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0D3A	50	38	*99	2	11	3	5	1	1F1	1	41	58	7	1	5	6	1	2AV2	2	40	*99	4	5	12	1	1
	*Normally shows short on position 11.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
0E24	6	31	8					1	1F5	2	38	48	7	2	12	5	1	2BZ2	2	24	35					1
	*Normally shows short on position 11.									*Tube good if it reads 60 or more.									*Normally shows short position 1-7.							
	*Normally shows grid emission.									*Tube good if it reads 60 or more.									*Normally shows short position 1-7.							
	*Tube good if it reads 60 or more.									*Tube good if it reads 60 or more.									*Normally shows short position 1-7.							
1A3	2	41	*70	7	1	2	6	1	1FD1	1	41	58	7	1	12	6	1	2BZU2	2	45	*80	1	12	12	10	1
	*Normally shows short on position 5-11.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
1A5	2	38	53	7	2	12	5	7	1FD9	1	41	56	7	1	12	6	1	2CS1	6	39	29	9	1	12	3	1
1A7	2	38	54	7	2	12	5	1	1G3	1	32	55	7	1	12	3	1	2CN3A	2	32	30					1
1A86	1	41	54	7	1	12	4	1	1G6	1	38	55	7	2	12	4	1	2CW4	2	43	*87	10	12	12	2	1
1AC6	1	41	48	7	1	12	4	1	1H2	1	24	58	7	2	12	5	1	2CY5	2	1	54					1
1AD2	1	45	*99	1	12	12	10	1	1H5	1	38	55	7	2	12	10	1	2D21	6	41	32	4	3	5	1	1
1AF4	1	41	50	7	1	5	6	1	1H6	2	38	54	7	2	12	6	1	2D4	2	39	*85	4	5	7	8	1
1AH5	1	41	58	7	1	12	6	1	1H35	1	41	54	7	1	12	4	1	2DS4	2	43	*87	10	12	12	2	1
1AJ4	1	41	58	7	1	5	6	1	1J3	1	32	88					1	2DX4	2	41	*62	3	4	1	7	1
1AM5	1	41	40	7	1	5	6	1	1J6	2	38	53	7	2	12	4	1	2DY4	2	41	*24	4	3	2	6	1
1AU2	1	40	*100	5	4	12	1	1	1K3	1	32	90					1	2E26	6	38	*40	7	2	1	5	1
	*Tube good if it reads 20 or more.									*Tube good if it reads 20 or more.									*Normally shows short position 2-6.							
1AU3	1	32	96					1	1L4	2	41	52	7	1	5	6	1	2E45	2	1	80					1
1AX2	1	24	93					1	1L6	2	41	56	7	1	12	4	1	2EG4	2	43	*72	10	12	12	2	1
1AY2	1	*39	95	1	9	12	10	1	1LA4	2	37	53	8	1	12	6	1	2E85	2	41	35	3	4	12	2	1
	*Connect two leads from 1AY2 bottom pins to pin holes No. 1 and 9 of Socket No. 39.									*Connect two leads from 1AY2 bottom pins to pin holes No. 1 and 9 of Socket No. 39.									*For grid emission, Turn D Switch to position 4.							
1B3	1	32	55					1	1LA6	2	37	58	8	1	12	4	1	2EN5	2	41	35	3	4	12	2	1
1B7	1	38	55	7	2	12	5	1	1LD4	2	37	53	8	1	12	6	1	2E85	2	41	33	4	3	1	2	1
1BC2	1	24	57					1	1LC5	1	37	54	8	1	5	6	1	2ES5	2	41	33	4	3	1	2	1
1BG2	1	40	*75	4	5	1	10	1	1LC6	2	37	59	8	1	12	4	1	2EV5	2	1	57					1
	*Insert leads into pins 4 & 5 of socket 40.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
	*Tube good if it reads 20 or more.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
1BH2	1	*39	95	1	9	12	10	1	1LE3	1	37	55	8	1	12	6	1	2FH5	2	41	33	4	3	1	2	1
	*Connect two leads from solder lugs of the 1BH2 to pin holes No. 1 and 9 of Socket No. 39.									*Connect two leads from solder lugs of the 1BH2 to pin holes No. 1 and 9 of Socket No. 39.									*Normally shows short position 1-7.							
1BK2	1	24	*53					1	1LG5	2	37	50	8	1	5	6	1	2FS5	2	1	99					1
	*Tube good if it reads 40 or more.									*Tube good if it reads 40 or more.									*Normally shows short position 1-7.							
1BQ2	1	24	56					1	1LN4	2	37	52	8	1	12	6	1	2FQ5	2	41	33	4	3	1	2	1
1BX2	1	24	56					1	1LN5	2	37	50	8	1	5	6	1	2FQ5A	2	41	31	4	3	1	2	1
1BY2	1	45	*99	1	12	7	10	1	1LN2-A	1	32	53					1	2FV6	2	1	54					1
	*Tube good if it reads 20 or more.									*Tube good if it reads 20 or more.									*Normally shows short position 1-7.							
1C1	1	41	57	7	1	5	4	1	1M5	2	38	53	7	2	12	10	1	2FY5	2	41	33	4	3	1	2	1
1C2	1	41	48	7	1	12	4	1	1M5	2	38	53	7	2	12	10	1	2GK5	2	41	25	4	3	1	2	1
1C3	1	41	54	7	1	12	4	1	1P5	2	38	53	7	2	12	10	1	2GU5	2	41	27	3	4	2	1	1
1C5	2	38	48	7	2	12	5	1	1P10	3	41	*48	7	1	5	3	1	2GW5	2	41	29	3	4	6	2	1
1C7	2	38	54	7	2	12	5	1	1P11	3	41	45	7	1	5	6	1	2HA5	2	5	56					1
1D5GT	2	38	54	7	2	12	10	1	1Q5	2	38	40	7	2	12	5	1	2HK5	2	5	56					1
1D8	2	38	53	7	2	12	5	1	1R-K23	1	24	35					1	2HM5	2	5	57					1
	*Normally shows short position 2-6.									*Tube good if it reads 40 or more.									*Normally shows short position 1-7.							
	*Normally shows short position 2-6.									*Tube good if it reads 40 or more.									*Normally shows short position 1-7.							
1E4	2	37	60	8	1	12	4	1	1R-K41	1	24	*53					1	2HQ5	2	5	55					1
1E5	2	41	53	7	1	5	4	1	1R-K41	1	24	*53					1	2HR8	2	39	33	4	5	2	9	1
1E2-A	1	24	35					1	1S4	2	41	*44	7	1	5	3	1	2T4	2	41	*33	4	3	2	6	1
1S4	2	41	*44	7	1	5	3	1									1	2Z2	2	41	*33	4	3	2	6	1
	*Normally shows short position 2-6.									*Tube good if it reads 40 or more.									*Normally shows short position 1-7.							
3A2	3	24	35					1									1	3A2	3	24	35					1
3A3	3	32	54					1									1	3A3	3	32	54					1
3A3A	3	32	54					1									1	3A3A	3	32	54					1

*Normal Shorts Refer to Position of "D" Switch.

0A3-3A3A



B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens. Unity	A	B	C	D	Test Pos.	
3A4	3	41	*36	7	1	5	4	1	30F3	3	38	*75	3	8	5	10	1	304	3	41	*48	7	1	5	3	1	
3A5	3	41	45	7	1	4	3	1										3V4	3	41	45	7	1	5	6	1	
																			4AB8	4	39	37	5	4	12	9	
3A8	3	38	54	7	2	1	10	1	3DG4	3	38	26	1	3	12	5	1										
3AF4	3	41	*24	4	3	2	6	1	3DH3	3	38	*90	3	8	5	10	1	4A8	4	1	82					1	
																			1A8S	4	12	59				1	
3AJ8	3	39	85	5	4	12	1	1	3DJ3	3	32	*30					1	4AV6	4	6	91					1	
3AL5	3	41	38	5	4	12	9	1	3DK6	3	1	61					1	4BA5	4	1	78					1	
																			4BC5	4	1	74					1
3AT2	3	45	96	1	12	12	10	1	3DR3	3	38	*90	3	8	5	10	1	4BC8	4	8	53					1	
3AU6	3	1	82					1																			
3AV6	3	6	88					1	3DS3	3	38	*90	3	8	5	10	1	4BE6	4	1	91					1	
3AW2	3	45	91	1	12	12	10	1	3DT6	3	1	91					1	4BL6	4	11	66					1	
3AW3	3	32	55					1	3DX4	3	41	*62	3	4	1	7	1	4BN4	4	41	*33	4	3	2	7	1	
3B2	3	32	72					1																			
3B7	3	37	45	8	1	4	3	1	3DV4	3	41	*24	4	3	2	6	1	4BQ7	4	8	54					1	
3BA6	3	1	78					1	3DZ4	3	41	*31	3	4	6	2	1	4BS8	4	8	54					1	
3BC5	3	1	74					1																			
3BC6	3	1	91					1	3EA5	3	1	80					1	4BUB	4	21	92					1	
3BN2	3	44	*94	4	5	4	10	1	3EH7	3	9	40					1										
3BL2	3	45	85	1	12	12	10	1	3EJ7	3	9	58					1	4BX6	4	9	76					1	
3BM2	3	45	85	1	12	12	10	1	3EP5	3	41	33	4	3	1	2	1	4BX8	4	39	33	5	4	12	2	1	
3BN2	3	45	*99	1	12	12	10	1	3ES5	3	41	33	4	3	1	2	1										
3BN4	3	41	*33	4	3	2	7	1	3EV5	3	1	57					1	4BZ8	4	1	61					1	
3BN6	3	7	75					1	3FH5	3	41	33	4	3	1	2	1	4BZ7	4	8	53					1	
3BS2	3	45	87	1	12	12	10	1	3FQ5	3	41	33	4	3	1	2	1										
3BS2A	3	45	87	1	12	12	10	1	3FQ5A	3	41	31	4	3	1	2	1	4BZ8	4	8	55					1	
3B12	3	45	*60	1	12	12	10	1	3FS5	3	1	99					1										
3BU8	3	21	92					1	3FY5	3	41	33	4	3	1	2	1	4CB6	4	1	64					1	
3BW2	3	45	*80	1	12	12	10	1	3GK5	3	41	25	4	3	1	2	1	4CE5	4	1	62					1	
3BX6	3	4	76					1	3GK6	3	9	40					1	4CM4	4	40	29	4	5	3	6	1	
3BY6	3	1	91					1	3GS8	3	21	95					1	4CS6	4	1	94					1	
3BY7	3	9	62					1																			
3BZ6	3	1	61					1	3GU5	3	41	27	3	4	2	1	1	4CY5	4	1	54					1	
3C2	3	32	22					1																			
3C4	2	41	48	7	1	5	6	1	3GW5	3	41	29	3	4	6	2	1	4DE6	4	1	61					1	
3CA3	3	32	55					1																			
3CB6	3	1	64					1	3GY5	3	38	*25	1	12	5	9	1	4DL4	4	39	*85	4	5	7	8	1	
3CE5	3	1	62					1																			
3CF6	3	1	60					1	3HA5	3	5	56					1	4DT6	4	1	91					1	
3CN3	3	32	30					1	3HE7	3	36	27	1	12	10	2	1	4EN7	4	9	40					1	
3CN3A	3	32	30					1																			
3CS6	3	1	94					1	3HF5	3	36	*25	1	12	9	5	1	4EJ7	4	9	58					1	
3CU3	3	32	20					1																			
3CV3	3	32	*40					1																			
3CX3	3	38	*88	3	8	4	10	1																			
3CY3	3	32	60					1	3HG5	3	5	56					1	4ER5	4	41	33	4	3	1	2	1	
3CY5	3	1	54					1																			
3CZ3	3	32	35					1	3HM5	3	5	57					1	4ES8	4	8	30					1	
3D6	2	37	43	8	1	7	6	1	3HN6	3	9	68					1										
3DA3	3	38	*88	3	8	5	10	1	3HQ5	3	5	55					1	4EW6	4	1	77					1	
3DB3	3	32	60					1	3HS8	3	21	99					1	4G77	4	22	62					1	
3DC3	3	32	*13					1																			
									3HT6	3	9	60					1	4GK5	4	41	25	4	3	1	2	1	
									3JC6	3	9	65					1	4GM6									

B & K DYNA-JET MODEL 70/ TUBE CHART

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Post.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Post.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Post.
4HG8	4	39	25	4	5	8	9	10	5BL8	5	14	72						5MC7	5	36	*35	1	12	5	8	10
4HK5	4	5	56						5BK7	5	8	55						5MGB	5	39	24	4	5	8	2	11
4HM5	4	4	57						5BQ5	5	23	68						*Normally shows short position 7-10.								
4HM5	4	9	68						5BQ7	5	8	54						5LZ6	5	1	33					
4HQ5	4	5	58						5BR6	5	14	72						5M6	5	2	60					
4HR8	4	39	33	4	5	2	9		5BS8	5	8	54						5M8	5	1	61					
4HS8	4	21	98						5BT8	5	39	33	5	4	12	8		5M6	5	1	23					
4HT6	4	9	60						5BWB	5	39	33	5	4	12	8		5M8	5	11	80					
4JC6	4	9	65						5BZ8	5	8	54						5M8	5	11	85					
4KCA	4	9	59						5C18	5	14	69						5M8	5	36	35	1	12	6	7	
4K6	4	9	61						5CM6	5	16	64						5M8	5	2	34	1	12	6	10	
4K6	4	1	64						5CM8	5	29	33	5	4	12	2		5M-HH3	5	2	56					
4K6	4	1	61						5CQ8	5	11	72						5M-K9	5	41	30	3	4	12	5	
4L6	4	1	23						5CR8	5	39	*32	5	4	12	2		5M8	5	11	88					
4JW8	4	11	80						5C25	5	16	60						5M8	5	11	85					
4KE8	4	11	88						5DB4	5	33	16						5M8	5	11	88					
			53						5DH8	5	14	61						5M8	5	11	88					
4KFB	4	21	92						5DI4	5	33	16						5M8	5	11	88					
4KNS	4	39	86	4	5	12	1		5E8	5	11	71						5M8	5	11	88					
4KT6	4	9	52	4	5	12	0		5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85						5E8	5	11	71						5M8	5	11	88					
4L8	4	14	85																							

B & K DYNA-JET MODEL 707 TUBE CHECK

TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.		
5T4	6 38	32	8	7	12	3	1	1	GAL9	6 36	28	1	12	12	5	1	1	GAX8	6 11	73						1		
5Z4	5 33	12	8	7	12	3	1	1	GAL11	6 36	31	1	12	12	11	1	1	GAY5	6 44	27	5	4	7	2	2	1		
5Z10	5 33	16						1	GAM4	6 39	*95	5	7	1	5	1	1	GAY3B	6 44	27	1	12	12	5	1	1		
GAB	6 38	45	7	2	1	5	1	1	*Normally shows short position 3-4-6-9.									GAY11	6 36	30	1	12	12	6	1	1	1	1
GAB4	6 2	33						1	GAM5	6 41	34	4	9	12	1	1	1	GAZ5	6 39	30	1	12	12	10	1	1		
GAB7	6 30	74						1	GAM6	6 41	30	4	9	12	1	1	1	GAZ6	6 39	32	5	4	12	6	1	1		
GAB8	6 39	37	5	4	12	9	1	1	GAM8	6 39	30	5	4	12	2	1	1	GB4	6 38	35	7	2	12	5	1	1		
GAC5	6 38	44	5	4	12	2	1	1	GAN4	6 41	*30	4	9	2	6	1	1	GB6	6 38	37	7	2	12	10	1	1		
GAC7	6 30	60	7	2	12	5	1	1	*May show short position 1-7.									GB8	6 38	58	7	2	12	4	1	1		
GAC9	6 36	28	1	12	3	9	1	1	GAN5	6 1	26	7	1	12	2	1	1	GB10	6 36	58	7	2	12	5	1	1		
GAC10	6 36	35	1	12	2	3	1	1	GAN6	6 41	52	7	1	12	3	1	1	GB11	6 36	55	7	2	12	10	1	1		
GAD7	6 38	32	1	12	12	7	1	1	GAN8	6 13	52	7	1	12	4	1	1	GB12	6 36	65	7	2	12	4	1	1		
GAD10	6 36	32	1	12	12	9	1	1	GAP4	6 41	*29	4	3	6	1	1	1	GB31	6 41	34	1	12	12	10	1	1		
GAF3	6 15	12						1	*Normally shows short position 2-5.									GB32	6 41	33	3	4	12	7	1	1		
GAF4	5 41	*24	4	3	2	6	1	1	GAQ5	6 3	77							GBA3	6 44	33	4	5	7	2	1	1		
GAF9	6 42	27	5	6	7	1	1	1	GAQ6	6 6	89							GBA6	6 1	75						1		
GAF11	6 36	27	5	6	2	8	1	1	GAQ7	6 38	45	6	7	12	4	1	1	GBA7	6 39	33	5	4	12	2	1	1		
GAG5	6 1	35	1	12	12	3	1	1	GAQ8	6 8	70	8	7	12	1	1	1	GBA8	6 12	53						2		
GAG7	6 30	30						1	GAR5	6 3	91							GBA11	6 36	29	1	12	12	4	1	1		
GAG9	6 36	30	1	12	12	5	1	1	GAR8	6 38	33	8	6	12	7	1	1	GB-B14	6 44	*33	4	1	1	2	1	1		
GAG11	6 36	28	1	12	12	11	1	1	GAR11	6 36	28	1	12	12	6	1	1	*Normally shows short position 3-6-7-8.										
GAH4	6 38	33	1	12	12	9	1	1	GAS5	6 4	55							GBC4	6 40	30	5	4	3	7	1	1		
GAH6	6 1	58						1	GAS6	6 1	77							GBC5	6 1	74						1		
GAH7	6 38	48	8	7	12	1	1	1	GAS7	6 38	35	6	7	12	1	1	1	GBC7	6 39	32	5	4	12	2	1	1		
GAH9	6 36	37	1	12	5	2	1	1	GAS8	6 39	31	5	4	12	2	1	1	GBC8	6 8	53						1		
GAJ4	6 39	*84	6	7	1	5	1	1	GAS11	6 36	28	1	12	12	11	1	1	GBD5	6 38	29	7	2	12	1	1	1		
GAJ5	6 41	36	4	3	2	1	1	1	GAT6	6 6	85							GBD6	6 1	85						1		
GAJ7	6 30	60						1	GAT8	6 14	77							GBD11	6 36	26	1	12	12	11	1	1		
GAJ8	6 39	85	5	4	12	1	1	1	GAU4	6 34	10							GBE3	6 36	26	1	12	4	16	1	1		
GAJ9	6 42	38	5	4	12	3	1	1	GAU5	6 28	71							GBE6	6 1	91						1		
GAK5	6 1	63						1	GAU7	6 3	75							GBE7	6 39	33	5	4	3	7	1	1		
GAK6	6 1	82						1	GAU8	6 12	56							GBE8	6 14	72						1		
GAK7	6 30	38						1	SAV5	6 28	62							GBF5	6 3	40						1		
GAK8	6 17	90						1	SAV6	6 6	91							GBF6	6 6	85						1		
GAH9	6 36	33	1	12	6	10	1	1	GAV11	6 36	30	1	12	12	7	1	1	GBF8	6 39	25	4	5	12	1	1	1		
GAH10	6 36	31	1	12	6	8	1	1	GAW8	6 12	44								25	4	5	12	8	1	1	1		
SAL3*	6 40	30	5	4	7	3	1	1	GAX2	6 24	86							GBF11	6 36	25	4	5	12	9	1	1		
GAL3	6 40	30	5	4	3	7	1	1	GAX3	6 36	30	1	12	10	4	1	1	GBG6	6 26	66						1		
GAL5	6 41	33	3	4	12	2	1	1	GAX4	6 34	13							GBH3	6 44	27	5	4	7	2	1	1		
		33	3	4	12	7	1	1	GAX5	6 38	44	7	2	1	5	1	1	GBH3A	6 44	27	5	4	7	2	1	1		
									GAX7	6 3	*85							GBH6	6 1	89						1		
											*85							GBH8	6 12	59						2		

*Tube good if it reads 22 or more.

Use IC-75 Adapter

Normal Shorts refer to position of "W" Switch.

5Y4-6B88

B & K DYNA-JET MODEL 70/ TUBE CHART

TUBE TYPE	Heater Socket	Short Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Short Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Short Unity	A	B	C	D	Test Pos.	
6BH11	6 38	27	1	12	12	4	1	6BW8	6 39	33	5	4	2	6	1	6CJ6	6 39	*32	5	4	7	2	1	
		27	1	12	12	8	1			34	5	4	7	3	1			*Normally shows short position 1-8.					1	
		27	1	12	12	8	1			34	5	4	7	3	1			6CK3	6 44	25	4	5	7	2
6BJ3	6 36	26	1	12	4	10	1	6BW11	6 36	30	1	12	12	11	1			6CN4	6 38	34	7	2	1	3
6BJ6	6 1	81								30	1	12	12	11	1			6CK6	6 39	30	5	4	12	2
6BI7	6 39	33	5	4	12	2	1	6BL6	6 8	76					1			6CL3	6 44	27	4	5	2	7
		33	5	4	12	8	1	6BK7	6 25	55					1			6CL5	6 26	54				1
		33	5	4	12	8	1			55					1			6CL6	6 39	*32	5	4	2	9
6BJ8	6 39	38	5	4	12	8	1	6BX8	6 39	33	5	4	12	2	1				*Normally shows short position 3-8.					1
		34	5	4	12	1	1			33	5	4	12	7	1			6CL8	6 14	69				1
		34	5	4	12	1	1	6BY5	5 38	38	7	2	12	4	1									2
6BK4A	6 38	78	7	2	2	6	5			38	7	2	12	5	1			6CM3	6 44	39	4	5	2	7
6BK4AA	6 38	78	7	2	2	6	5	6BY6	6 1	83					1			6CM4	6 40	29	4	5	3	6
6BK4BA	6 38	78	7	2	2	6	5	6BY7	6 8	62					1			6CM5	6 27	58				1
6BK5	6 10	53						6BY8	6 39	34	5	4	12	1	1			6CM6	6 16	84				1
6BK6	6 6	86								34	5	4	12	6	1			6CM7	6 19	80				1
		70						6BY11	6 36	32	1	12	12	3	1			6CM8	6 39	33	5	4	12	2
6BK7	6 8	55								32	1	12	12	8	1								1	
		55						6BZ3	6 36	30	1	12	4	10	1			6CN6	6 29	*62				1
6BK11	6 36	35	1	12	12	7	1	6BZ6	6 1	61					1								1	
		35	1	12	12	9	1	6BZ7	6 8	53					1			*For Plate Cap Use Jack Next to Socket 28.					1	
		35	1	12	12	11	1			53					1			6CN7	6 18	94				1
6BL4	6 34	10						6BZ8	6 8	55					1								2	
6BL7	6 25	57								55					1			6C04	6 34	11				1
		57						6CA	6 41	41	4	3	1	6	1			6C06	6 41	35	4	3	12	1
6BL8	6 11	66						6C5	6 29	89					1			6C08	6 11	72				1
		55						6C8	6 38	48	7	2	12	5	1								2	
6BM8	6 39	33	5	4	12	8	1			48	7	2	12	10	1			6C26	6 41	39	4	3	12	7
		39	5	4	12	1	1	6C9	6 39	28	5	4	6	1	1									1
6BN4	6 41	*33	4	3	2	7	1			28	5	4	10	7	1			6C28	6 39	*32	5	4	12	2
								6C10	6 36	42	1	12	12	7	1									1
										42	1	12	12	9	1			*Normally shows short position 8.					1	
6BN5	6 39	*39	5	4	1	2	1	6C15	6 11	68					1			6C36	6 1	94				1
										42	1	12	12	11	1			6C37	6 20	96				2
6BN6	6 7	75								55					1								1	
6BN8	6 39	35	5	4	12	8	1	6C18	6 39	30	4	5	8	7	1			6C38	6 39	32	4	5	6	2
		35	5	4	12	1	1			33	4	5	8	9	1			6C45	6 4	47				1
		35	5	4	12	1	1	6C31	6 41	*80	4	3	1	7	1			6C46	6 27	69				1
6BN11	6 36	29	1	12	12	7	1								1			6C48	6 39	32	5	4	1	7
		29	1	12	12	7	1								1									1
6BQ5	6 23	68													1									1
6BQ6	6 27	69						6CA4	6 39	34	5	4	12	1	1			6C44	6 43	*87	10	12	12	2
6BQ7	6 8	54								34	5	4	12	7	1			*For grid emission turn D switch to position 4.					1	
		54						6CA5	6 4	55					1			6C45	6 23	58				1
6BR3	6 15	10						6CA7	6 29	53					1			6C47	6 39	33	5	4	7	2
6BR8	6 14	72						6CA11	6 36	35	1	12	8	3	1			6C48	6 39	33	5	4	7	6
		55								33	1	12	8	6	1									1
6BS3	6 44	27	4	5	2	7	1	6CB5	6 26	43					1			6C48	6 12	45				1
6BS3A	6 44	27	4	5	2	7	1			33	1	12	7	8	1			6CY5	6 1	54				1
6BS8	6 8	54						6CB6	6 1	64					1			6CY7	6 39	31	5	4	2	3
		54						6CCYZ	6 39	29	9	1	12	3	1									1
		54								29	9	1	12	7	1			6CZ5	6 16	60				1
6BT6	6 6	85						6CC31	6 2	60					1			6D1	6 41	43	4	3	1	6
		76								60					1			6D2	6 41	33	3	4	12	2
6BT8	6 39	39	5	4	12	8	1	6CD3	6 36	*27	1	12	4	10	1								1	
		54	5	4	12	1	1								1									1
		54	5	4	12	2	1								1									1
6BU6	6 6	85													1			6D4	6 41	43	4	3	12	1
		80						6CD6	6 26	53					1			6D8	6 35	43	7	2	12	5
6BU8	6 21	92						6CE3	6 36	25	1	12	4	10	1			6D10	6 36	32	1	12	12	7
		92						6CE5	6 1	82					1									1
6BV8	6 39	31	5	4	12	2	1	6CF6	6 1	60					1									1
		33	5	4	12	6	1	6CG3	6 36	30	1	12	4	10	1			6DA4	6 34	11				1
		33	5	4	12	9	1	6CG7	6 8	76					1			6DA6	6 9	80				1
6BY11	6 36	30	1	12	12	6	1			76					1			6DB5	6 16	30				1
		30	1	12	12	7	1	6CG8	6 14	73					1			6DB6	6 1	87				1
6BW3	6 36	28	1	12	4	10	1			57					1			6DC6	6 1	67				1
6BW4	6 39	50	5	4	12	1	1	6CH3	6 44	29	4	5	7	2	1			6DC8	6 39	33	5	4	12	2
		50	5	4	12	7	1	6CH6	6 9	55					1									1
6BWS	6 39	42	4	5	1	2	1	6CH8	6 39	33	5	4	12	7	1									1
6BW7	6 9	76																						

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Grid-Unity	A	B	O	D	Test Pos.	TUBE TYPE	Heater	Socket	Grid-Unity	A	B	O	D	Test Pos.	TUBE TYPE	Heater	Socket	Grid-Unity	A	B	O	D	Test Pos.									
6DE7	6	20	81					1	6LD4*	6	44	*52	4	5	12	8	1	6FE5	6	29	37					1									
6DG6	6	29	38					1	*Normally shows short position 2-3-6-7-8.																										
6DJ8	6	39	31	5	4	12	2	1	6EF4*	6	36	76	1	12	6	4	1	6FG5	6	41	31	4	3	2	1	1									
			31	5	4	12	7	1	*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 37, remove resistor after test is completed.																										
6DK3	6	44	31	4	5	2	7	1	6FH5	6	41	33	4	3	1	2	1	6FH6	6	39	32	5	4	12	6	1									
6DK6	6	1	61					1	*Normally shows short position 2-8.																										
6DL3	6	44	29	4	5	7	2	1	6GK4*	6	36	86	1	12	6	4	1	6GF7	6	36	36	1	12	12	3	1									
6DL4	6	39	*85	4	5	7	8	1	*Insert a 2.7K, 1w, 5% resistor from pin hole #4 to #6 of socket #37. Remove resistor after test is completed.																										
								1	6GM5	6	4	57						6FM7	6	36	25	1	12	3	8	1									
6DL5	6	3	88					1	*Normally shows short position 2-5-9-11.																										
6DM4	6	34	11					1	6GN5	6	9	40						6FM8	6	39	47	5	4	12	8	1									
6DN3	6	44	31	4	5	2	7	1	6GN7	6	9	40						6FG5	6	41	33	4	3	1	2	1									
6DN6	6	26	47					1	6GN8	6	12	71						6FG5A	6	41	31	4	3	1	2	1									
6DN7	6	25	56					1	Use 6EF4 settings. May show short position 2-8-11.																										
			77					2	6EJ4*									6GF7	6	8	66					1									
6DQ3	6	36	30	1	12	4	10	1	6EJ7	6	9	58						6GR7	6	39	24	4	5	2	3	1									
6DQ4	6	34	11					1	6EL4A	6	38	78	7	2	8	5	1	6FS5	6	1	99					1									
6DQ5	6	26	55					1	6EM5	6	16	53						6FV5	6	1	54					1									
6DQ6	6	27	65					1	6EN7	6	38	32	8	7	12	1	1	6FV6	6	14	85					1									
6DQ6B	6	27	62					1	6EN4	6	38	*40	7	2	6	5	1	6FV8	6	14	54					1									
6DR4	6	41	43	4	3	1	6	1	*Normally shows short position 1-3-4-8.																										
6DR7	6	39	32	4	5	2	3	1	6EQ7	6	39	34	5	4	12	2	1	6FW5	6	29	57					1									
6DR8	6	39	31	5	4	12	2	1	*Tube good if it reads 40 or more.																										
			62	5	4	12	7	1	6ER5	6	41	33	4	3	1	2	1	6FW6	6	8	30					1									
			62	5	4	12	8	1	6ES5	6	41	33	4	3	1	2	1	6FY5	6	41	33	4	3	1	2	1									
6DS4	6	43	*87	10	12	12	2	1	6ES8	6	8	30						6FY7	6	36	25	1	12	12	3	1									
								1	*For grid emission turn D switch to position 4.																										
6DS5	6	3	76					1	6ET6	6	41	30	4	3	12	1	1	6G5	6	29	94					1									
6DS8	6	39	30	5	4	12	2	1	6ET7	6	39	30	5	4	12	7	1	6G11	6	36	33	1	12	12	3	1									
6DT3	6	36	31	1	12	4	10	1	6EU7	6	39	35	2	1	12	5	1	6G83A	6	27	65					1									
6DT4	6	34	11					1	*Normally shows short position 3-6-7-8.																										
6DT5	6	16	45					1	6EUB	6	39	32	5	4	12	2	1	6GS5*	6	44	*25	4	5	2	1	1									
6DT6	6	1	91					1	6EV5	6	1	57						6GB6	6	27	64					1									
6DT8	6	8	71					2	6EV7	6	8	78						6GB7	6	27	58					1									
6DU3	6	36	30	1	12	4	10	1	6EW6	6	1	77						6GB9	6	27	84					1									
6DW4	6	44	27	4	5	2	7	1	6EW7	6	20	87						6GC5	6	16	26					1									
6DW5	6	16	30					1	*Normally shows short position 4-10.																										
6DX4	6	41	*62	3	4	1	7	1	6EX6	6	26	42						6GC6	6	26	52					1									
								1	6EX7	6	29	65						6GD7	6	14	74					1									
6DX8	6	39	26	4	5	12	8	1	6EZ3	6	29	88						6GE5	6	36	*24	1	12	11	3	1									
			26	4	5	12	1	1	6EZ8	6	39	33	5	4	12	2	1	*Normally shows short position 4-10.																	
6DY4	6	41	*24	4	3	2	6	1	6F5	6	38	33	5	4	12	7	1	6GF7	6	44	27	4	5	12	2	1									
								1	*Normally shows short position 1-7.																										
6DY5	6	23	66					1	6F6	6	29	91						6GF7A	6	44	27	4	5	12	2	1									
6DZ4	6	41	*31	3	4	6	2	1	6F8	6	38	45	7	2	12	5	1	6GH8	6	11	88					1									
								1	*Normally shows short position 1-7.																										
6DZ7	6	38	40	7	2	12	1	1	6F10	6	30	60						6G17	6	22	82					1									
			40	7	2	12	5	1	6F21	6	41	35	4	3	12	1	1	6G18	6	11	70					1									
6DZ8	6	39	27	4	5	8	3	1	6F22	6	39	40	5	4	2	9	1	6G15	6	35	85					1									
			30	4	5	2	1	1	6F29	6	9	40						6G15A	6	35	85					1									
6E8	6	38	45	7	2	1	5	1	6F31	6	1	78						6G17	6	22	82					1									
								1	6F33	6	1	77						6G17	6	22	82					1									
6EA4*	6	36	80	1	12	6	4	1	6F36	6	1	56						6G18	6	11	70					1									
								1	*Insert a 2.7K 1W 5% resistor from pin hole No. 4 to No. 6 of socket No. 37, remove resistor after test is completed.																										
6EA5	6	1	80					1	6FA7	6	39	93	5	4	12	7	1	6GK5	6	41	25	4	3	1	2	1									
6EA7	6	38	35	8	7	12	1	1	*Normally shows short position 2-5-9-11.																										
6EA8	6	11	71					2	6FC7	6	39	29	4	5	7	2	1	6GK6	6	9	40					1									
			56					1	*May show short position 3-8.																										
6EB5	6	41	53	3	4	12	2	1	6FD6	6	41	26	3	4	2	1	1	6GK7	6	34	12					1									
			53	3	4	12	7	1	6FD7	6	39	25	4	5	2	3	1	6GL7	6	25	54					1									
6EB8	6	12	35					2	*Normal Shorts refer to position of "D" Switch.																										
			99					1																											
6EC4*	6	38	32	7	8	2	5	1																											

*Normal Shorts refer to position of "D" Switch.

6DE7-6GM5

B & K DYNA-JET MODEL 70/ TUBE CHART

TUBE TYPE	Header	Socket	Beam-Lt/ty	A	B	C	D	Test. Pos.	TUBE TYPE	Header	Socket	Beam-Lt/ty	A	B	C	D	Test. Pos.	TUBE TYPE	Header	Socket	Beam-Lt/ty	A	B	C	D	Test. Pos.	
6GAK6	6	1	04						6GJ7	6	39	*78	4	5	1	7	1	6JG5	6	12	29					1	
6GAK8	6	39	33	5	4	12	2	1	6GJ8	6	39	30	4	5	1	9	1	6JG6	6	35	56					1	
			33	5	4	12	7	1	*For grid emission turn O switch to position 2.									6JG6A	6	35	56						1
6GN7	6	9	21						6GK5	6	39	29	5	4	12	2	1	6JH5	6	36	*32	1	12	11	2	1	
6GN8	6	12	36						6GK6	6	3	56						*Normally shows short position 3-7-8-10.									
									6GK5	6	39	30	4	5	1	2	1	6JH6	6	1	64					1	
6GQ7	6	39	24	4	5	8	2	1	6GK6	6	11	60					1	6JH8	6	39	26	4	5	12	6	1	
			24	4	5	8	8	1	6GK5	6	36	*32	1	12	11	2	1	*Normally shows short position 3-7-8-10.									
			24	4	5	8	8	1	6GM5	6	5	57					1	6JK6	6	1	61				1		
6GS7	6	14	80						6GME	6	9	68					1	6JKB	6	8	54				1		
									6GM6	6	9	55					1								1		
6GS8	6	21	95						6GMS	6	3	77					1	6JL6	6	1	23				1		
			95						6GMS	6	1	71					1	6JL8	6	12	40				1		
6GT5	6	35	63						6GNS	6	36	*30	1	12	11	2	1								1		
6GT5A	6	35	63						*Normally shows short position 3-10.									6JN6	6	36	26	1	12	4	5	1	
6GU5	6	41	27	3	4	2	1	1	6H56	6	1	66					1	6JN6	6	36	27	1	12	4	11	1	
6GU7	6	8	56						6H58	6	21	99					1	6JN8	6	14	67				1		
			56						6HT5	6	36	*52	1	12	2	6	1	6JN8	6	14	53				1		
6GV5	6	36	*26	1	12	5	9	1	*May show short position 4-7-8-11.									6JN8	6	39	*34	4	5	8	7	1	
									6HT6	6	9	60					1	*57 4 5 8 6									
6GV7	6	39	30	4	5	8	7	1	6HT6	6	9	60					1	*May show short position 2-3.									
			39	4	5	8	9	1	6HUS	6	39	52	4	5	2	1	1	6JN8	6	35	50				1		
6GV8	6	39	25	4	5	12	9	1	6HUS	6	39	29	4	5	12	2	1	6JN8	6	36	*29	1	12	9	5	1	
			25	4	5	12	2	1	6HVS	6	36	*33	1	12	2	11	1	*Normally shows short position 3-4-10-11.									
6GW5	6	41	29	3	4	8	2	1	6HW8	6	39	32	4	5	12	6	1	6JN8	6	12	26				1		
									6HZ5	6	36	*30	1	12	2	11	1	*Tube good if reads 60 or more.									
6GW6	6	27	62						6HZ6	6	1	83					1	6JN8	6	35	55				1		
6GW8	6	39	25	4	5	2	8	1	6HZ8	6	12	28					1	6JN8	6	39	*32	4	5	2	1	1	
			35	4	5	7	1	1				75					1	*Normally shows short position 8.									
6GX6	6	1	85						6J4	6	41	*85	4	5	1	7	1	*Normally shows short position 2.									
6GX7	6	22	76						*Normally shows short position 5-6.									6J5	6	29	93					1	
			79						6J6	6	2	60					1	6J5A	6	39	*32	4	5	2	1	1	
6GY5	6	36	*25	1	12	5	9	1	6J7	6	38	50	7	2	1	10	1	*Normally shows short position 8.									
									6J9	6	39	26	4	5	12	2	1	**Normally shows short position 2.									
6GY5	6	1	82									26	4	5	12	9	1	6J8	6	12	55				1		
6GY8	6	39	*32	5	4	12	3	1	6J10	6	36	96	1	12	12	8	1	6JN8	6	11	80				1		
			*32	5	4	12	3	1				26	4	5	12	7	1	*Normally shows short position 2.									
			*94	5	4	12	6	1	6J11	6	36	22	1	12	12	5	1	**Normally shows short position 2.									
												60					1	6J8A	6	39	*32	4	5	2	1	1	
6GZ5	6	41	30	3	4	2	5	1	6J5	6	29	93					1	*Normally shows short position 8.									
6H6	6	38	48	7	2	1	8	1	6J6	6	2	60					1	**Normally shows short position 2.									
			48	7	2	1	8	1	6J7	6	38	50	7	2	1	10	1	6J8	6	12	55				1		
6H31	6	1	91						6J9	6	39	26	4	5	12	2	1	6J8	6	12	55				1		
6H45	6	5	56									26	4	5	12	9	1	6J8	6	11	80				1		
6H46	6	9	23						6J10	6	36	96	1	12	12	8	1	*Normally shows short position 2.									
6H48	6	36	*25	1	12	11	3	1				26	4	5	12	11	1	6J8	6	22	88				1		
									6J11	6	36	22	1	12	12	5	1	*Normally shows short position 2.									
												22	1	12	12	11	1	6J8	6	12	40				1		
6H86	6	9	20						6J15	6	36	*33	1	12	9	2	1	*Normally shows short position 3-4-10-11.									
6H87	6	22	75						6J16	6	39	25	4	5	12	7	1	*Some tubes may show short position 3-4-10-11.									
			75						6J18	6	39	95	4	5	12	8	1	6J78	6	36	29	1	12	6	7	1	
6MC8	6	39	38	5	4	12	3	1	6J95	6	36	*35	1	12	9	2	1	*Normally shows short position 3-4-10-11.									
			38	5	4	12	1	1	6J86	6	35	82					1	6K6	6	29	92				1		
6ND5	6	36	*27	1	12	3	11	1	6J86A	6	35	82					1	6K7	6	38	52	7	2	1	10	1	
									6J85	6	36	*32	1	12	9	2	1	6K8	6	36	35	7	2	1	5	1	
6ND7	6	39	30	4	5	1	2	1	*Normally shows short position 3-4-10-11.									6K11	6	36	36	1	12	12	7	1	
			30	4	5	1	9	1	6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
6NE5	6	36	*32	1	12	9	2	1	6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
									6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
6NE7	6	36	27	1	12	10	2	1	6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
			77	1	12	10	9	1	6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
6NF5	6	36	*25	1	12	9	5	1	6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
									6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
6NF8	6	12	27						6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
			80						6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
6NG5	6	3	85						6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
6NG8	6	39	25	4	5	3	2	1	6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
			25	4	5	1	8	1	6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
6NJ5	6	36	*27	1	12	3	11	1	6J86	6	35	82					1	*Normally shows short position 3-4-10-11.									
									6J86	6	35	82					1	6K11	6	36	36	1	12	12	7	1	
									6J86	6	35	82															

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Beam-Livity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Beam-Livity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Beam-Livity	A	B	C	D	Test Pos.									
GKLB	6	39	31	4	5	12	2	1	GL05	6	35	52					1	GMXB	6	44	27	4	5	12	2	1									
			70	4	5	12	8	1	GL08	6	12	81					1	GMYS	6	36	27	1	12	8	10	1									
GKMG	6	35	53					1	GLR6	6	36	*32	1	12	9	5	1	GN3	6	39	29	4	5	6	9	1									
GKMB	6	39	31	4	5	12	7	1	*May show short position 3-4-7-10-11.									GN7	6	38	47	7	2	1	4	5	1								
			75	4	5	12	3	1	GLR8	6	44	31	4	5	12	2	1	CNS	6	39	37	5	4	12	2	7	8								
GKNG	6	36	*30	1	12	9	5	1	GLUB	6	1	52					1	GN7G1	6	30	84					1									
*Normally shows short position 3-4-10-11.									GLUB	6	36	27	1	12	8	7	1	GP5	6	29	93					1									
GKNE	6	39	86	4	5	12	1	1	GLV6	6	36	*31	1	12	5	9	1	GP15	6	23	66					1									
			90	4	5	12	6	1	*May show short position 3-4-7-10-11.									607	6	38	40	7	2	1	10	1									
GKRS	6	12	22					1	GLW6	6	38	*31	7	8	1	5	1				63	7	2	1	4	1									
			58					2	*Normally shows short position 2-8.									608	6	38	45	7	2	1	5	1	1	1							
GKRBA	6	12	22					1	GLX8	6	11	80					1	6Q11	6	36	38	1	12	12	7	1									
			59					1	GLY8	6	12	21					1				36	1	12	12	11	1									
GKS6	6	7	83					1	*Tube good if it reads 28 or more.									GR3	6	39	33	5	4	2	9	1									
GKSS	6	12	33					1	GLZ6	6	35	53					1	GR4	6	39	30	4	5	12	1	1									
			84					2	GM11	6	36	25	1	12	12	2	1	GR7	6	38	52	7	2	1	10	1									
GKT6	6	9	52					1	*No short test.									GR8	6	17	86						1								
GKT8	6	12	67					1	GMAG	6	38	*58	3	8	2	6	1	*Tube good if it reads 40 or more.									GRA6	6	40	34	4	5	9	7	1
			91					1	*Normally shows short position 3-4-10-11.									GR-A9	6	39	30	4	5	7	2	2	1								
GRU8	6	39	22	4	5	12	7	1	GMBS6	6	36	*32	1	12	9	5	1	GR-B11	6	39	32	4	5	6	3	1									
			60	4	5	12	2	1	*Normally shows short position 3-4-10-11.									GR-HH2	6	8	53						1								
GKVB	6	44	30	4	5	1	8	1	GMBS8	6	14	84					1	GR-HH8	4	39	86	4	5	12	1	1									
GKVS	6	12	22					1	GMCC6	6	35	45	4	5	12	6	1	GR-K19	6	15	10					1									
			82					2	GMDB6	6	44	35	4	5	12	8	1	GR-P15	6	38	35	4	5	1	2	1									
GKWE	6	44	30	4	5	1	8	1	*Normally shows short position 3-8.									GR-P22	6	39	*32	4	5	2	9	1									
GKY6	6	9	20					1	GMEE6	6	35	53					1	*Normally shows short position 3-8.									GS2	6	24	35					1
GKY8	6	44	27	4	5	12	2	1	GMES8	6	39	30	4	5	12	6	1	GS4	6	16	58					1									
GKYBA	6	44	27	4	5	12	2	1	GMF8	6	36	35	1	12	6	7	1	GS7	6	38	47	7	2	1	10	1									
			39	4	5	12	9	1	GMGB	6	11	80					1	GS8	6	38	45	8	7	5	10	1									
GRZ8	6	39	26	4	5	12	2	1	*Normally shows short position 5-6.									GS2	6	24	35					1									
			26	4	5	12	8	1	GMHT	6	41	*85	4	3	1	7	1	GS4	6	16	58					1									
GL5	6	38	53	7	2	6	5	1	*May show short position 3-4-7-10-11.									GS7	6	38	48	8	7	1	3	1									
GL6	6	29	63					1	GMH6	6	36	*31	1	12	5	9	1	GS7Y	6	38	34	7	2	1	3	1									
GL7	6	38	44	7	2	1	10	1	GMH8	6	2	56					1	GS7	6	38	48	8	7	1	4	1									
GL10	6	30	38					1	GMJB	6	36	35	1	12	7	8	1	SSD7	6	30	69					1									
GL12	6	8	70					1	*Normally shows short position 1-7.									GSF5	6	38	41	8	7	1	3	1									
GL41	6	39	33	5	4	8	8	1	GMKB	6	21	98					1	GSF7	6	38	46	8	7	1	2	1									
GL43	6	39	*32	5	4	2	9	1	GMK4	6	41	*24	4	3	2	6	1	GS27	6	30	77					1									
*Normally shows short position 3-8.									GMK8	6	39	34	4	5	12	6	1	SSH7	6	30	77					1									
GLB6	6	36	*30	1	12	9	5	1	*May show short position 2-3-4-7-10-11.									GSK7	6	30	84					1									
			71					1	GMNB	6	36	33	1	12	7	8	1	SSL7	6	25	*85					2									
GLB8	6	12	21					1	*Tube good if it reads 22 or more.									GSN7	6	25	78					1									
GLC6A	6	38	78	7	2	12	5	1	GMN6	6	33	33	1	12	7	10	1	SSQ7	6	38	42	8	7	1	2	1									
GLC8	6	39	24	4	5	3	6	1	*Normally shows short position 1-7.									GSQ7	6	38	71	8	7	1	4	1									
GLD6	6	9	51					1	GMN8	6	36	33	1	12	7	8	1				71	8	7	1	5	1									
GLD12	6	16	90					1	GM-P17	6	3	90					1	SSR7	6	38	46	8	7	1	2	1									
			63					1	GM-P18	6	41	34	3	4	7	1	1				68	8	7	1	4	1									
GLE8	6	39	29	4	5	12	9	1	GM-P20	6	1	43					1				68	8	7	1	5	1									
GLF6	6	36	*31	1	12	5	9	1	GMQB	6	11	65					1				68	8	7	1	5	1									
*May show short position 3-4-7-10-11.									GMUB	6	11	42					1				68	8	7	1	5	1									
GLF8	6	12	55					1	GMVB	6	12	63					1				60					1									
GLG6	6	36	*32	1	12	9	5	1	*Normal Shorts refer to position of "B" Switch.									65S7	6	36	46	7	2	1	4	1									
GLW5A	6	38	78	7	2	12	5	1																											
GLW6A	6	38	78	2	7	12	5	1																											
GLJ8	6	14	85					1																											
GLM8	6	11	68					1																											
GLN8	6	21	66					1																											
GLP12	6	39	33	5	4	12	3	1																											
			39	5	4	12	1	1																											

*Normal Shorts refer to position of "B" Switch.

6KLB-6SS7

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Master Socket	Beam-tunity	A	B	C	D	Test Pos.	TUBE TYPE	Master Socket	Beam-tunity	A	B	C	D	Test Pos.	TUBE TYPE	Master Socket	Beam-tunity	A	B	C	D	Test Pos.
6S17	6 38	52	8	7	1	2	1	7AG7	6 37	32	8	1	12	6	1	7K7	6 37	43	8	1	12	6	1
		72	8	7	1	4	1	7AN7	6 37	32	8	1	12	6	1			36	8	1	12	6	1
		72	8	7	1	5	1	7AK7	6 37	33	8	1	12	6	1	7Y4	6 37	35	8	1	12	6	1
6S07	6 38	43	8	7	12	1	1	7AN7	7 39	33	5	4	7	2	1			45	8	1	12	3	1
		43	8	7	12	4	1			33	8	4	7	6	1			45	8	1	12	6	1
6S27	6 38	44	8	7	1	2	1	7AU7	7 8	75					1	7Z4	6 37	56	8	1	12	5	1
		72	8	7	1	4	1			75					1			50	8	1	12	6	1
		72	8	7	1	5	1	7B4	6 37	40	8	1	12	6	1	8AB	8 11	66					
6T4	6 41	33	4	3	2	6	1	7B5	6 37	52	8	1	12	6	1	8AC9	8 36	78	1	12	3	9	1
								7B6	6 37	40	8	1	4	3	1			45	1	12	3	2	1
										68	8	1	4	5	1			35	1	12	2	3	1
6T8	6 17	90					1			68	8	1	4	5	1	8AC10	8 36	32	1	12	12	7	1
		63					2	7B7	6 37	45	8	1	12	6	1			32	1	12	12	9	1
6T8A	6 17	90					1	7B8	6 37	42	8	1	12	4	1			32	1	12	12	11	1
		63					2	7C4	6 37	53	8	1	12	4	1	8AL9	8 36	28	1	12	12	5	1
6T9	6 38	27	1	12	12	8	1			53	8	1	12	4	1			28	1	12	12	11	1
		27	1	12	12	4	1	7C5	6 37	38	8	1	12	4	1	8AR11	8 36	28	1	12	12	11	1
6T10	6 38	28	1	12	12	3	1	7C6	6 37	50	8	1	4	3	1			28	1	12	12	5	1
		25	1	12	12	6	1			50	8	1	4	5	1	8AU8	8 12	28	1	12	12	10	1
6U4	6 34	11					1			68	8	1	4	6	1			56					
6U6	6 29	54					1	7C7	6 37	37	8	1	12	6	1			72					
6U7	6 38	35	7	2	12	10	1	7D10	6 9	55					8AV11	8 36	30	1	12	12	7	1	
6U8	6 11	79					1	7D18	7 39	31	3	4	12	2			30	1	12	12	9	1	
		85					2			31	5	4	12	7	1	8AW8	8 12	30	1	12	12	11	1
6U9	6 42	28	5	6	12	3	1	7E5	6 37	33	8	2	1	5			44						
		32	5	8	12	10	1			33	8	2	1	5			78						
6U10	6 38	32	1	12	12	7	1	7E6	6 37	40	8	1	4	3	1	8B8	8 39	33	4	5	12	3	1
		32	1	12	12	8	1			69	8	1	4	5	1			39	4	5	12	1	1
		32	1	12	12	11	1	7E7	6 37	47	8	1	12	6	1	8B10	8 36	34	1	12	12	3	1
6V3	6 15	10					1			69	8	1	4	6	1			34	1	12	12	5	1
6V4	6 39	40	5	4	12	1	1			68	8	1	12	3	1			34	1	12	12	8	1
		40	5	4	12	7	1			68	8	1	12	4	1	8BA8	8 12	54	1	12	12	10	1
6V6	6 29	79					1	7E8	7 8	30								59					
6V8	6 39	40	5	4	12	6	1			30								59					
		32	5	4	12	2	1	7EY6	7 29	65								29	1	12	12	4	1
		32	5	4	12	7	1	7F7	6 37	45	8	1	12	4	1	8CA11	8 36	37	1	12	12	8	1
6V9	6 42	61	5	4	12	8	1			45	8	1	12	5	1	8BH8	8 12	59					
		31	5	6	12	3	1	7F8	6 37	30	7	2	12	1	1			54					
		30	5	8	12	8	1			30	7	2	12	6	1	8BT11	8 36	30	1	12	12	6	1
6W4	6 34	11					1	7FC7	7 39	29	4	5	7	2	1			30	1	12	12	11	1
6W6	6 29	51					1			29	4	5	7	6	1	8B6	8 39	35	5	4	12	8	1
6W7	6 38	50	7	2	12	10	1	7B7	6 37	36	8	1	12	6	1			35	5	4	12	1	1
6X4	6 41	44	4	3	12	1	1	7GS7	7 14	80					8BN11	8 38	29	1	12	12	3	1	
		44	4	3	12	6	1			53								29	1	12	12	7	1
6X5	6 33	15					1	7GV7	7 38	30	4	5	8	7	1	8B05	8 23	68					
		15					2			33	4	5	8	9	1	8B07	8 8	54					
6X6	6 38	48	7	2	12	5	1	7H7	6 37	35	8	1	12	6	1			54					
		48	7	2	12	5	1	7HG8	7 38	25	4	5	3	2	1	8B011	8 36	28	1	12	12	5	1
6X8	6 12	73					1			25	4	5	1	6	1			28	1	12	12	10	1
		61					2	7J7	6 37	35	8	1	12	6	1	8BU11	8 36	26	1	12	12	8	1
6X9	6 42	30	5	8	12	3	1			50	6	1	12	4	1			28	1	12	12	4	1
		30	5	8	12	10	1	7K7	6 37	45	8	1	12	4	1			28	1	12	12	6	1
6Y6	6 29	40					1			65	8	1	12	5	1	8CB11	8 36	28	1	12	12	5	1
6Y9	6 42	27	5	6	12	8	1			65	8	1	12	6	1			28	1	12	12	10	1
		27	5	6	12	8	1	7KY6	7 9	20					8CG7	8 8	76						
6Y10	6 36	29	1	12	4	3	1	7KZ6	7 9	17								76					
		29	1	12	4	8	1	7L7	6 37	36	8	1	12	6	1	8CH8	8 38	33	5	4	12	7	1
6Z10	6 38	30	1	12	12	11	1	7M-P18	7 41	34	3	4	7	1	1			36	5	4	12	8	1
		35	1	12	12	6	1	7N7	6 37	42	8	1	12	4	1	8CL8	8 14	68					
6Z31	6 41	44	4	3	12	1	1			42	8	1	12	5	1			51					
		44	4	3	12	6	1	7Q7	6 37	35	8	1	12	4	1	8CM7	8 19	80					
								7R7	6 37	35	8	1	12	6	1			94					
6ZV5	6 33	17					1			72	8	1	12	3	1	8CN7	8 18	94					
7A4	6 37	41	8	1	12	6	1			72	8	1	12	4	1			86					
7A5	6 37	34	8	1	12	6	1	7S7	6 37	38	8	1	12	4	1	8CS7	8 20	96					
7A6	6 37	48	8	1	12	3	1			52	8	1	12	4	1			95					
		48	8	1	12	6	1	7V7	6 37	32	8	1	12	6	1	8CU8	8 39	32	5	4	1	7	1
7A7	6 37	45	8	1	12	6	1	7W7	6 37	31	8	1	4	6	1			33	5	4	6	8	1
7A8	6																						

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Serial-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial-Utility	A	B	C	D	Test Pos.	
8CY5	8	1	54					1	8R-LP1	8	39	35	4	5	12		1	
8CY7	8	39	31	5	4	2	3	1	8SN7	8	25	78	4	5	12		3	
8D8	8	39	41	5	4	2	9	1	8U8	8	42	28	5	6	12	3	1	
8DE7	8	20	81					2	8X9	8	42	30	5	6	12	10	1	
8DX8	8	38	26	4	5	12	8	1	9A8	9	11	66	5	6	12	10	1	
8EB8	8	12	35	4	5	12	1	1	9A9	9	36	37	1	12	5	2	1	
8EM5	8	16	53					1	9AK8	9	16	90	1	12	5	6	1	
8EY7	8	39	30	5	4	12	7	1	9AK10	9	36	63	1	12	12	7	1	
8FQ7	8	8	68					1	9AM10	9	36	34	1	12	12	7	1	
8GI7	8	22	62					2	9AQ8	9	8	70					1	
8GM6	8	1	64					1	9AU7	9	8	75					1	
8GN8	8	12	38					1	9BU11	9	38	28	1	12	12	6	1	
8GU7	8	8	56					2	9BR7	9	39	32	5	4	9	2	1	
8GX7	8	22	76					1	9BR8	9	14	72					1	
8HAB	8	9	23					1	9CG8A	9	14	73					1	
8HGB	8	39	25	4	5	3	2	1	9CL8	9	14	69					1	
8HFB	8	12	56	4	5	1	6	1	9D78	9	39	27	4	5	6	3	1	
8JKB	8	8	54					1	9EAB	9	11	71	4	5	2	1	1	
8JLB	8	12	40					1	9ED4*	9	44	52	4	5	12	8	1	
8JTB	8	12	20					1	9GN8A	9	11	68					1	
8JUBA	8	39	32	4	5	2	1	1	9GV8	9	39	25	4	5	12	9	1	
8JVB	8	12	55					1	9H86	9	1	66					1	
8K11	8	36	38	1	12	12	7	1	9J6	9	2	60					1	
8KAB	8	39	26	4	5	12	6	1	9MR8	9	36	33	1	12	7	10	1	
8KRB	8	12	22	4	5	12	2	1	9JWB	9	11	80					1	
8KSB	8	12	33					1	9KC6	9	39	25	4	5	12	2	1	
8KTB	8	12	67					1	9KG6*	9	44	28	4	5	1	8	1	
8LC8	8	39	24	4	5	3	6	1	9KY8	9	12	22					1	
8LE8	8	39	29	4	5	12	9	1	9KX6	9	9	16					1	
8LS6	8	9	44					1	9KZ8	9	39	26	4	5	12	2	1	
8LT8	8	39	27	4	5	7	9	1	9LA6	9	9	21					1	
8MD8	8	44	32	4	5	1	8	1	9M-1H3	9	2	56					1	
8M-P12	8	1	60					1	9ML8	9	39	34	4	5	12	6	1	
8MU8	8	11	42					1	9M-P12	9	41	38	3	4	2	9	1	
8R-HP1	8	39	33	4	5	12	3	1	9R-A6	9	40	34	4	5	9	7	1	
8R-LP1	8	39	35	4	5	12	1	1	9R-AL1	9	39	33	4	5	2	3	1	
8SN7	8	25	78					1	9R-MR2	9	11	68					1	
8U8	8	42	28	5	6	12	3	1	9U8	9	11	56					1	
8X9	8	42	30	5	6	12	3	1	9V9	9	42	31	5	6	12	3	1	
9A8	9	11	66	5	6	12	10	1	9X8	9	12	73	5	6	12	6	1	
9A9	9	36	37	1	12	5	2	1	10AF11	10	36	31	1	12	12	11	1	
9AK8	9	16	90	1	12	5	6	1	10AL11	10	36	31	1	12	12	3	1	
9AK10	9	36	63	1	12	12	7	1	10BQ5	10	23	68					1	
9AM10	9	36	34	1	12	12	7	1	10C8	10	19	59					1	
9AQ8	9	8	70					1	10CW5	10	23	58					1	
9AU7	9	8	75					1	10D7	10	20	81					1	
9BU11	9	38	28	1	12	12	6	1	10E7	10	20	80					1	
9BR7	9	39	32	5	4	9	2	1	10H7	10	39	32	5	4	2	3	1	
9BR8	9	14	72	5	4	9	7	1	10K8	10	39	26	4	5	12	8	1	
9CG8A	9	14	73					1	10/E/312	25	29	47					1	
9CL8	9	14	69					1	10/E/949	6	29	79					1	
9D78	9	39	27	4	5	6	3	1	10/E/558	6	38	52	7	2	12	10	1	
9EAB	9	11	71	4	5	2	1	1	10/E/11448	6	29	83					1	
9ED4*	9	44	52	4	5	12	8	1	10/E/11533	6	29	83					1	
9GN8A	9	11	68					1	10/E/11581	6	38	60	7	2	12	10	1	
9GV8	9	39	25	4	5	12	9	1	10EB8	10	12	35					1	
9H86	9	1	66					1	10EG7	10	38	32	8	7	12	1	1	
9J6	9	2	60					1	10EM7	10	38	32	8	7	12	1	1	
9MR8	9	36	33	1	12	7	10	1	10EW7	10	20	87					1	
9JWB	9	11	80					1	10FD7	10	39	25	4	5	2	3	1	
9KC6	9	39	25	4	5	12	2	1	10FR7	10	39	24	4	5	2	7	1	
9KG6*	9	44	28	4	5	1	8	1	10GF7	10	44	27	4	5	12	2	1	
9KY8	9	12	22					1	10GN8	10	11	38	4	5	12	9	1	
9KX6	9	9	16					1	10GN8	10	9	40					1	
9KZ8	9	39	26	4	5	12	2	1	10GMB	10	39	33	5	4	12	2	1	
9LA6	9	9	21					1	10GNS	10	12	36					1	
9M-1H3	9	2	56					1	10GV8	10	39	25	4	5	12	9	1	
9ML8	9	39	34	4	5	12	6	1	10HA6	10	9	73					1	
9M-P12	9	41	38	3	4	2	9	1	10HF8	10	12	27					1	
9R-A6	9	40	34	4	5	9	7	1	10JA5	10	36	33	1	12	9	2	1	
9R-AL1	9	39	33	4	5	2	3	1	10JAB	10	35	25	4	5	12	7	1	
9R-MR2	9	11	68					1	10JTB	10	12	20					1	
9U8	9	11	56					1	10KRB	10	12	22					1	
9V9	9	42	31	5	6	12	3	1									1	
9X8	9	12	73	5	6	12	6	1									1	
10AF11	10	36	31	1	12	12	11	1									1	
10AL11	10	36	31	1	12	12	3	1									1	
10BQ5	10	23	68					1									1	
10C8	10	19	59					1									1	
10CW5	10	23	58					1									1	
10D7	10	20	81					1									1	
10E7	10	20	80					1									1	
10H7	10	39	32	5	4	2	3	1									1	
10K8	10	39	26	4	5	12	8	1									1	
10/E/312	25	29	47					1										1
10/E/949	6	29	79					1										1
10/E/558	6	38	52	7	2	12	10	1										1
10/E/11448	6	29	83					1										1
10/E/11533	6	29	83					1										1
10/E/11581	6	38	60	7	2	12	10	1										1
10EB8	10	12	35					1										

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Sens.-tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sens.-tivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sens.-tivity	A	B	C	D	Test Pos.
10MUB	10 39	22	4	5	12	7	1	12AG6	12 41	42	4	3	12	1	1	12B-814	12 44	*33	4	5	1	2	1
		50	4	5	12	2	1	12AC10	12 36	32	1	12	12	7	1	*Normally shows short position 3-6-7-8.							
		60	4	5	12	3	1			32	1	12	12	9	1	12BC32	12 6	91					1
10L99	10 12	21					2	12AD6	12 41	35	4	3	12	1	1	12BD6	12 1	85					2
		71					1			35	4	3	12	1									1
10LD6	10 9	51					1	12AD7	12 8	85					1	12BE3	12 36	26	1	12	4	10	1
10LD12	10 17	90					1			85					2	12BE6	12 1	91					1
		53					1	12AE8	12 41	52	4	3	12	1	1	12BF6	12 6	85					1
10LES	10 39	29	4	5	12	9	1			68	4	3	12	5	1								2
10LWS	10 12	25					1	12AF7	12 39	32	5	4	9	2	1	12BF11	12 36	25	1	12	12	3	1
		52					2			32	5	4	9	7	1								1
10LY8	10 12	21					1	12AC10	12 36	30	1	12	12	8	1	12BW7	12 8	56					1
		*99					2			31	1	12	12	3	1								2
10LZ8	10 12	54					1	12AF3	12 15	12					1	12BK5	12 10	53					1
		*99					2			12					1	12BK6	12 6	85					1
		*99					1	12AF6	12 41	37	4	3	12	1	1								2
		*99					1	12AF11	12 36	31	1	12	12	11	1	12BL6	12 41	35	4	3	12	1	1
10T10	10 36	28	1	12	12	3	1	12AG6	12 41	35	4	3	12	1	1	12BN6	12 7	75					1
		25	1	12	12	8	1			31	1	12	12	6	1	12BG6	12 27	69					1
10Z10	10 36	30	1	12	12	11	1	12AH7	12 38	48	8	7	12	1	1	12BR3	12 15	10					1
		95	1	12	12	8	1			48	8	7	12	5	1	12BR7	12 39	32	5	4	9	2	1
11AF9	10 42	27	5	6	7	1	1	12AJ6	12 41	40	4	3	12	1	1								1
		27	5	6	2	8	1			4	3	12	6	1	1								1
11AR11	12 36	28	1	12	12	5	1			66	4	3	12	6	1	12B33	12 44	27	4	5	2	7	1
		28	1	12	12	10	1	12AJ7	12 39	32	5	4	12	2	1	12BT3	12 36	27	1	12	4	10	1
11B4B	12 39	33	5	4	12	3	1			35	5	4	12	9	1	12BT6	12 6	85					1
		39	5	4	12	1	1	12AL5	12 41	33	3	4	12	2	1	12BU6	12 6	85					1
11BN11	10 36	29	1	12	12	3	1			33	3	4	12	7	1	12BV7	12 9	39					1
		29	1	12	12	7	1	12AL8	12 39	34	5	4	12	3	1	12BV11	12 36	30	1	12	12	6	1
11BQ11	10 36	28	1	12	12	5	1			52	5	4	12	8	1	12BW4	12 39	50	5	4	12	1	1
		28	1	12	12	10	1	12AL11	12 36	31	1	12	12	3	1	12BX6	12 9	78					1
11BT11	10 36	27	1	12	6	11	1			27	1	12	12	8	1	12BX7	12 25	55					1
		30	1	12	8	5	1	12AQ5	12 3	77					1	12BY7	12 9	42					1
		28	1	12	8	3	1	12AS5	12 4	55					1	12BZ6	12 1	61					1
11C5	12 4	54					1	12AT6	12 6	85					1	12BZ7	12 8	95					1
11CA11	10 36	35	1	12	8	3	1			78					2								2
		33	1	12	8	6	1	12AT7	12 8	74					1	12C5	12 4	44					1
		33	1	12	7	8	1			74					2	12C8	12 38	55	7	2	12	10	1
11CF11	10 36	34	1	12	7	9	1	12AU5	12 28	71					1								1
		34	1	12	8	11	1	12AUG	12 1	82					1								1
		32	1	12	8	5	1	12AU7	12 8	75					1	12C6V	12 38	55	7	2	12	10	1
11CH11	10 36	31	1	12	6	11	1			75					2								1
		34	1	12	8	5	1	12AU8	12 12	56					1								1
		30	1	12	9	3	1			72					2								1
11CY7	12 39	31	5	4	2	3	1	12AV5	12 28	62					1								1
		45	5	4	2	7	1	12AV6	12 6	91					1	12C8V	12 38	55	7	2	12	10	1
11D85	10 3	76					1			78					2								1
11FY7	12 36	25	1	12	12	3	1	12AV7	12 8	55					1								1
		42	1	12	12	10	1			55					2	12CA5	12 4	55					1
11HM7	10 39	*29	4	5	6	2	1	12AW6	12 1	78					1	12CK3	12 44	25	4	5	7	2	1
							1	12AW8	12 12	44					1	12CL3	12 44	27	4	5	2	7	1
11JES	10 12	56					1			78					2	12CM6	12 16	64					1
		78					2	12AX3	12 36	30	1	12	10	4	1	12CM5	12 41	33	4	5	2	5	1
11KVB	10 12	22					1	12AX4	12 34	13					1	12CR6	12 41	39	4	5	12	7	1
		82					2	12AX7	12 8	*85					1								1
11LQB	12 12	31					1			*85					2	12CS6	12 1	94					1
		50					2								1	12CT3	12 39	32	4	5	6	2	1
11LTS	12 39	27	4	5	7	8	1	12AV3	12 44	27	5	4	7	2	1	12CT8	12 13	57					1
		32	4	5	1	6	1	12AY3A	12 44	27	5	4	7	2	1								1
		82	4	5	1	8	1	12AY7	12 8	93					1	12CU5	12 4	47					1
11LY6	10 9	46					1			93					2	12CU6	12 27	69					1
11MS8	10 39	25	4	5	12	9	1	12AZ7	12 8	73					1	12CX6	12 41	30	4	3	12	1	1
		35	4	5	12	2	1			75					2	12D4	12 34	11					1
11R3	10 39	33	5	4	2	9	1	12B4	12 40	35	5	4	3	7	1	12D4B	12 9	60					1
11Y9	12 42	27	5	6	12	1	1	12B7	12 37	45	8	1	12	6	1	12DB5	12 16	30					1
		27	5	6	12	8	1	12BA6	12 1	78					1	12DE8	12 39	36	5	4	12	1	1
12A4	12 40	32	5	4	3	7	1	12BA7	12 39	33	5	4	12	2	1								1
12A6	12 29	32					1	12BA11	12 36	28	1	12	12	4	1	12DF5	12 39	32	5	4	9	1	1
12A8	12 38	45	7	2	12	5	1			36	1	12	12	9	1								1
12A85	12 16	67					1																

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Mount Socket	Serial-ity	A	B	C	D	Test Pos.	TUBE TYPE	Mount Socket	Serial-ity	A	B	C	D	Test Pos.	TUBE TYPE	Mount Socket	Serial-ity	A	B	C	D	Test Pos.
12DF7	12 8	*85					1	12F5	12 36	40	7	2	12	10	1	12JN8	12 14	67					1
		*85					2	12F8	12 39	40	5	4	12	8	1	12JN8	12 14	33					1
12DJ5	12 39	31	5	4	12	7	1			62	5	4	12	1	1	12JN8	12 39	*34	4	5	8	7	1
		31	5	4	12	7	1	12F31	12 1	78	5	4	12	8	1			*57	4	5	8	8	1
12DK6	12 1	61					1	12F35	12 41	40	4	3	12	1	1	12J58	12 36	*29	1	12	9	5	1
12DK7	12 39	33	5	4	8	8	1			65	4	3	12	8	1								1
		80	5	4	8	8	1	12F36	12 41	35	4	3	12	1	1	12J76	12 35	65					1
		80	5	4	8	8	1			68	4	3	12	5	1	12J76A	12 35	65					1
12DL8	12 39	35	5	4	12	8	1	12F46	12 41	68	4	3	12	8	1	12J78	12 36	29	1	12	8	7	1
		65	5	4	12	8	1			68	4	3	12	8	1	12JF5	12 36	*32	1	12	11	8	1
		65	5	4	12	1	1	12F07	12 8	68					1								1
12DM4	12 34	11					1			68					1	12K5	12 41	35	4	3	5	6	1
12DN6	12 26	47					1	12F08	12 39	39	5	4	12	2	1	12K7	12 38	52	7	2	12	10	1
12DQ4	12 34	11					1			39	5	4	12	7	1	12K6	12 38	35	7	2	12	5	1
12DQ6	12 27	65					1	12F08	12 39	*25	4	5	12	8	1	12KAB	12 39	26	4	5	12	6	1
12DQ6B	12 27	62					1			*37	4	5	12	1	1	12KAB	12 39	33	4	5	12	2	1
12DQ7	12 9	36					1			*62	4	5	12	8	1	12KL8	12 39	31	4	5	12	2	1
12DS7	12 39	34	5	4	12	3	1	12F85	12 1	99					1			76	4	5	12	8	1
		*85	5	4	12	1	1	12FT8	12 41	52	4	3	12	1	1	12L6	12 29	47					1
		*85	5	4	12	8	1			66	4	3	12	8	1	12MD8	12 44	35	4	5	12	8	1
		*85	5	4	12	8	1	12FV7	12 8	42					1			35	4	5	12	8	1
12DT5	12 16	45					1			42					1	12MD8	12 44	27	4	5	12	2	1
12DT6	12 1	61					1	12FX5	12 4	68					1	12Q7	12 36	39	4	5	12	8	1
12DT7	12 8	*85					2	12FX8	12 39	32	5	4	12	2	1	12Q7	12 36	40	7	2	12	10	1
		*85					2			28	5	4	12	8	1	12R5	12 41	39	4	3	2	5	1
12DT8	12 8	71					1	12G4	12 41	41	4	3	1	8	1	12R-K10	12 15	10					1
		71					1	12G11	12 36	33	1	12	12	3	1	12R-113	12 8	55					1
12DU7	12 39	31	5	4	12	1	1			31	1	12	12	8	1	12R-115	12 8	68					1
		77	5	4	12	7	1	12GAB	12 41	36	4	3	12	1	1			68					1
		77	5	4	12	9	1	12G-83A	12 27	65					1			68					1
12DV7	12 39	49	5	4	8	7	1	12G-87	12 27	61					1			68					1
		78	5	4	8	2	1	12G85	12 16	26					1			68					1
		78	5	4	8	3	1	12G88	12 26	52					1			68					1
12DV8	12 39	35	5	4	12	3	1	12G85	12 38	*24	1	12	11	3	1	12S8	12 38	45	8	7	5	10	1
		58	5	4	12	9	1			62	8	7	5	1	1			62	8	7	5	4	1
		58	5	4	12	1	1	12GJ5	12 35	65					1			62	8	7	2	9	1
12DW4A	12 44	27	4	5	2	7	1	12G-K17	12 34	12					1	12SA7	12 38	37	7	2	12	5	1
12DW5	12 16	30					1	12GR7	12 9	21					1	12SC7	12 38	49	8	7	12	3	1
12DW7	12 8	75					2	12GT5	12 35	63					1	12SF5	12 38	41	8	7	12	3	1
		*90					2	12GT5A	12 35	63					1	12SF7	12 38	46	8	7	12	2	1
12DW8	12 39	32	5	4	12	2	1	12GV5	12 36	*28	1	12	5	9	1			69	8	7	12	5	1
		32	5	4	12	7	1								1			69	8	7	12	5	1
12DY8	12 39	44	5	4	12	9	1	12GWB	12 27	62					1	12SH7	12 30	77					1
		30	5	4	12	1	1	12H4	12 40	44	4	3	2	8	1	12SH7	12 30	77					1
		35	5	4	12	9	1	12H6	12 38	48	7	2	12	3	1	12SJ7	21 30	83					1
12DZ6	12 41	33	4	3	12	1	1			48	7	2	12	8	1	12SK7	12 30	84					1
12DZ8	12 39	27	4	5	8	3	1	12H31	12 1	91					1	12SL7	12 25	*85					1
		30	4	5	2	1	1	12H25	12 44	*33	4	5	1	2	1								2
12E5	12 25	93					1								1								1
12E13	6 29	52					1	12HE7	12 36	27	1	12	10	2	1								1
12EA6	12 41	32	4	3	12	1	1			27	1	12	10	8	1	12SN7	12 25	78					1
12EC8	12 39	30	5	4	12	8	1	12HG7	12 9	28					1	12SQ7	12 38	42	8	7	12	2	1
		32	5	4	12	1	1	12H5	12 39	30	4	5	1	2	1			71	8	7	12	4	1
12E85	12 4	57					1	12H5	12 39	*33	4	5	6	2	1			71	8	7	12	5	1
12E86	12 41	36	4	3	12	1	1	12HL7	12 39	29	4	5	12	2	1	12SR7	12 38	46	8	7	12	2	1
12EH5	12 4	57					1			29	4	5	12	2	1			68	8	7	12	4	1
12EK6	12 41	31	4	3	12	1	1	12H98	12 39	29	4	5	12	2	1			68	8	7	12	5	1
12ELA	12 41	38	4	3	12	1	1			29	4	5	12	2	1			68	8	7	12	5	1
		68	4	3	12	5	1	12J5	12 29	93					1	12SS7	12 36	97					1
		68	4	3	12	6	1	12J7	12 38	50	7	2	12	10	1	12SW7	12 38	52	8	7	12	2	1
12EM6	12 38	34	5	4	12	1	1	12J8	12 38	30	5	4	12	1	1			70	8	7	12	4	1
		90	5	4	12	9	1			35	5	4	12	8	1			70	8	7	12	5	1
12EN6	12 29	36					1	12JB6	12 35	62					1	12SX7	12 25	78					1
12EQ7	12 39	34	5	4	12	2	1	12J86	12 36	26	1	12	4	5	1			78					1
		71	5	4	12	8	1			35	5	4	12	8	1	12SY7	12 38	39	7	2	12	5	1
12EZ6	12 41	32	4	3	12	1	1	12J86	12 36	27	1	12	4	11	1	12T10	12 36	25	1	12	12	3	1
							1			35	5	4	12	9	1			25	1	12	12	8	1

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Rocket	Sensit. U.V.	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Rocket	Sensit. U.V.	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Rocket	Sensit. U.V.	A	B	C	D	Test Pos.
12V6	12	29	40	5	4	8	7	1	14L7	12	47	47	8	1	12	8	1	16A6	16	39	33	5	4	12	3	1
12W6	12	29	51	5	4	8	7	1	14F7	12	37	45	8	1	12	4	1	16AK9	7	36	33	6	12	6	10	1
12X4	12	41	44	4	3	12	1	1	14F8	12	37	30	7	2	12	1	1	16AQ3*	16	40	30	5	4	7	3	1
13CM5	12	27	57	4	3	12	6	1	14G7B	14	39	52	5	4	12	2	2	16AQ3	16	40	30	5	4	5	7	1
13CM4	14	43	*57	10	12	12	2	1	14H7	12	37	35	8	1	12	6	1	16B011	16	36	28	1	12	12	5	1
13D1	25	25	78					1	14JG8	14	39	25	4	5	2	8	1	16B11	15	36	32	1	12	12	2	1
13DE7	12	20	81					2	14H7	12	37	35	8	1	12	6	1	16C-926	16	36	*28	1	12	5	8	1
13DF7	12	8	85					2	14JG8	14	39	32	4	5	12	8	1	16CL6	16	14	68					1
13DR7	12	39	32	5	4	2	3	1	14H7	12	37	42	8	1	12	4	1	16CK6	16	9	40					1
13EM7	12	38	41	5	4	2	7	1	14H7	12	37	42	8	1	12	4	1	16CV5	16	36	*25	1	12	5	9	1
13FD7	12	39	32	4	5	2	7	1	14Q7	12	37	35	8	1	12	4	1	16NB5	16	36	*25	1	12	11	3	1
13FG7	12	14	65	4	5	2	7	1	14R7	12	37	35	8	1	12	6	1	16K11	16	36	38	1	12	12	7	1
13FM7	14	36	25	1	12	3	8	1	14S7	12	37	38	8	1	12	6	1	16K11	16	36	38	1	12	12	9	1
13FR7	12	39	36	1	12	3	10	1	14V7	12	37	32	8	1	12	4	1	16KA6	16	36	*30	1	12	9	5	1
13G8*	12	44	32	4	5	2	7	1	14W7	12	37	31	8	1	4	6	1	16LD6	16	9	51					1
13GF7	12	44	27	4	5	2	1	1	14X7	12	37	43	8	1	12	3	1	16LUG	16	36	27	1	12	6	7	1
13GF7A	12	44	27	4	5	12	2	1	14Y4	12	37	35	8	1	12	6	1	16MY8	16	38	27	1	12	6	7	1
13H10	12	38	38	4	5	12	8	1	15A6	15	39	30	5	4	12	2	1	16V9	16	42	27	5	6	12	1	1
13J7B	12	12	26	1	12	12	11	1	15A6	15	36	36	7	2	12	4	1	17A8	17	11	66					1
13J7B	12	38	29	1	12	6	7	1	15AF11	15	36	40	7	2	12	3	1	17AB10	17	36	29	1	12	12	11	1
13S7	12	30	40	1	12	6	10	1	15BD11	15	36	31	1	12	12	6	1	17AF3	17	15	12					1
13V10	12	36	33	1	12	12	3	1	15BD11A	15	36	26	1	12	12	11	1	17AV5	17	28	62					1
13Z10	12	38	30	1	12	12	11	1	15CWS	15	23	58					1	17AX3	17	36	30	1	12	10	4	1
14A4	12	37	41	8	1	12	6	1	15DQ8	15	39	26	4	5	12	8	1	17AX4	17	34	13					1
14A5	12	37	41	8	1	12	6	1	15EA7	15	36	35	8	7	12	1	1	17AY3	17	44	27	5	4	7	2	1
14A7	12	37	45	8	1	12	6	1	15EW6	15	1	77					1	17AY3B	17	44	27	5	4	7	2	1
14AF7	12	37	41	8	1	12	4	1	15EW7	15	20	87					1	17B-014	17	44	*33	4	5	1	2	1
14B6	12	37	40	8	1	4	3	1	15FM7	15	36	25	1	12	3	8	1	17B011	17	36	26	1	12	12	11	1
14B8	12	37	42	8	1	12	4	1	15FY7	15	36	25	1	12	12	3	1	17B03	17	36	25	1	12	12	3	1
14BF11	14	36	25	1	12	12	3	1	15G8	15	20	92					1	17B11A	17	36	25	1	12	12	3	1
14BL11	14	36	29	1	12	12	3	1	15HAG	15	9	23					1	17B3	17	44	27	5	4	7	2	1
14BQ11	14	36	28	1	12	12	5	1	15HB6	15	9	20					1	17BH3A	17	44	27	5	4	7	2	1
14BR11	14	36	30	1	12	12	2	1	15KY8	15	44	27	4	5	12	2	1	17B8	17	1	81					1
14C5	12	37	38	8	1	12	6	1	15LE8	15	39	29	4	5	12	9	1	17B06	17	27	69					1
14C7	12	37	37	8	1	12	6	1	15MF8	15	38	35	1	12	6	7	1	17BR3	17	15	10					1
14C8	12	37	40	8	1	4	3	1	15MX8	15	44	27	4	5	12	2	1	17BS3	17	44	27	4	5	2	7	1
14C8	12	37	40	8	1	4	3	1	16A5	16	23	88					1	17BWS	17	36	26	1	12	4	10	1
14C8	12	37	40	8	1	4	3	1									1	17BZ3	17	36	30	1	12	4	10	1
14C8	12	37	40	8	1	4	3	1									1	17C5	17	4	44					1
14C8	12	37	40	8	1	4	3	1									1	17C8	17	39	33	5	4	12	2	1
14C8	12	37	40	8	1	4	3	1									1	17C9	17	39	28	5	4	6	1	1
14C8	12	37	40	8	1	4	3	1									1	17CA5	17	4	55					1
14C8	12	37	40	8	1	4	3	1									1	17CK3	17	44	25	4	5	7	2	1

*Normal Shorts refer to position of "B" Switch.

Use TC-80 Adapter.

12U7-17CK3

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Mount	Socket	Gain- ivity	A	B	C	D	Test Pos.	TUBE TYPE	Mount	Socket	Gain- ivity	A	B	C	D	Test Pos.	TUBE TYPE	Mount	Socket	Gain- ivity	A	B	C	D	Test Pos.
17CL3	17	44	27	4	5	2	7	1	18A5	18	28	69					1	20LF6	20	36	*31	1	12	5	9	1
17CG4	17	34	11					1	18AJ10	18	36	32	1	12	4	3	1	21AG	22	39	*32	5	4	7	2	1
17CT3	17	39	32	4	5	6	2	1	18AK5	18	1	63					1	21AH8	22	1	62					1
17CU5	17	4	47					1	18A05	18	3	77					1	21BK6	22	26	42					1
17D4	17	34	11					1	18C51	18	39	29	9	1	12	3	1	21G5	22	36	*25	1	12	5	9	1
17DE4	17	34	13					1	18DZ8	18	39	27	4	5	8	3	1	21H85	22	36	*25	1	12	11	3	1
17DM4	17	34	11					1	18FW6	18	1	79					1	21HD5	22	36	*27	1	12	3	11	1
17DQ4	17	34	11					1	18FX6	18	1	92					1	21J5	22	36	*27	1	12	3	11	1
17DU6	17	27	65					1	18FY6	18	6	84					2	21K5	22	36	*27	1	12	3	11	1
17DQ6B	17	27	62					1	18G85	18	44	*25	4	5	2	1	1	21J56	22	36	*29	1	12	9	5	1
17DW4A	17	44	27	4	5	2	7	1	18G06	18	1	80					1	21JY6	22	36	28	1	12	4	11	1
17EWS	17	8	65					2	18GE6	18	6	78					2	21JZ6	22	36	*29	1	12	9	5	1
17FY7	17	36	25	1	12	12	3	1	18GV5	18	36	*26	1	12	5	9	1	21K46	22	36	*30	1	12	9	5	1
17GE5	17	36	*24	1	12	11	3	1	18G8	18	39	25	4	5	12	9	1	21KQ6	22	44	*29	4	5	1	8	1
17G45	17	35	65					1	18H88	18	39	36	5	4	12	9	1	21L66	22	36	*32	1	12	9	5	1
17GJ5A	17	35	65					1	18J6	18	6	60					1	21LR8	22	44	31	4	5	12	2	1
17GT5	17	35	63					1	18R-AL1	18	39	33	4	5	2	3	1	21LJ8	22	36	27	1	12	6	7	1
17G15A	17	35	63					1	18A3	19	41	32	3	4	6	5	1	21MY8	22	36	27	1	12	6	7	1
17GV5	17	36	*28	1	12	9	5	1	18A18	6	39	85	5	4	12	1	1	22AL3*	22	40	30	5	4	7	3	1
17GWS	17	27	62					1	18G05	19	3	77					1	22AL3*	22	40	30	5	4	7	3	1
17GV5	17	36	*25	1	12	5	9	1	18A04	19	34	10					1	22AL3*	22	40	30	5	4	7	3	1
17H3	17	15	13					1	18B66	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17H-B25	17	44	*33	4	5	1	2	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40	30	5	4	7	3	1
17HC8	17	39	36	5	4	12	3	1	18B6	19	26	66					1	22AL3*	22	40</						

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensitiv-ity	A	B	C	D	Test Pos.							
22JG6A	22	35	56					1	25Z6	25	36	34	7	2	12	9	1	31AL10	30	36	51	1	12	6	9	1							
22JR6	22	35	50					1	26A6	25	1	77					1	31J5SA	30	36	*29	1	12	6	11	1							
22JG6	2	35	56					1	26A7	25	38	29	7	6	12	1	1	*Normally shows short position 3-4-10-11.															
22KMG	22	35	53					1	26A88	25	8	70					1	31L06	30	35	52					1							
22KV6	22	44	30	4	5	1	2	1	26BR6	25	6	86					1	31LR8	30	44	31	4	5	12	2	1							
23JS6	22	36	*29	1	12	9	5	1	26C6	25	6	85					1	31LZ6	30	35	53					1							
*Normally shows short position 3-4-10-11.									26D6	25	1	82					2	32AS	30	39	33	5	4	12	9	1							
23J58A	22	36	*29	1	12	9	5	1	26D6	25	1	93					1	32ET5	30	4	60					1							
*Normally shows short position 3-4-10-11.									26DQ5	25	26	55					1	32HQ7	35	36	34	1	12	7	2	1							
23MR6	22	36	*32	1	12	9	5	1	26E6	25	29	40					1	33GT7	30	36	*55	1	12	7	10	1							
*Normally shows short position 3-4-10-11.									26HJ5	25	34	*28	7	8	1	5	1	*Normally shows short position 9-11.															
23Z9	22	36	30	1	12	6	10	1	26J06	25	35	56					1	33GV7	30	36	*58	1	12	7	11	1							
24AX4	25	34	13					1	26LW6	25	38	*31	7	8	1	5	1	*Normally shows short position 9-10.															
24BF11	25	36	25	1	12	12	8	1	26Z5	25	39	36	5	4	9	1	1	33GV7A	30	36	*56	1	12	7	11	1							
24JE5A	25	35	58					1	*Normally shows short position 2-6.									33HE7	30	36	27	1	12	10	2	1							
24JZ8	25	36	29	1	12	6	7	1	27BR5	25	44	*25	4	5	2	1	1	*Normally shows short position 3-6-7-8.															
24JZ8	25	36	40	1	12	6	10	1	27K85	25	44	*26	4	5	1	8	1	*Normally shows short position 2-3-6-7.															
24L06	25	35	52					1	27LF6	25	36	*31	1	12	5	9	1	33JR6	30	35	55					1							
24LZ6	24	35	53					1	*May show short position 3-4-7-10-11									33JV6	30	36	28	1	12	4	11	1							
25AG	25	29	74					1	2807	30	37	40	8	1	12	2	1	34CD3	35	36	*27	1	12	4	10	1							
25AU4	25	34	10					1	28EC4	30	38	32	7	8	2	5	1	*Some tubes may show short position 5-6-8-9.															
25AV5	25	28	62					1	28G85	30	44	*25	4	5	2	1	1	34CE3	35	36	25	1	12	4	10	1							
25AX4	25	34	13					1	28HAG	30	9	23					1	34CM3	35	44	30	4	5	2	7	1							
25B6	25	29	48					1	28H05	30	36	*27	1	12	3	11	1	34DK3	35	44	31	4	5	2	7	1							
25B-B14	25	44	*33	4	5	1	2	1	*Normally shows short position 4-5-8-10.									34GD5	35	4	57					1							
25BK5	25	10	53					1	29GR6	30	9	40					1	34R3	35	39	33	5	4	2	8	1							
25BQ6	25	27	69					1	29K85	30	44	*29	4	5	1	8	1	35A5	35	37	34	8	1	12	8	1							
25BR3	25	15	10					1	*Normally shows short position 2-3-6-7.									35B5	35	3	55					1							
25C5	25	4	44					1	29LE6	30	44	*30	4	5	8	1	1	35C5	35	4	54					1							
25C6	25	29	45					1	*Normally shows short position 2-3-6-7.									35CD6	35	26	53					1							
25CA5	25	4	56					1	30A5	30	41	27	3	4	5	2	1	35DZ8	35	39	27	4	5	8	3	1							
25CD6	25	26	53					1	30AE3*	30	40	30	5	4	7	3	1	*If no test, use alternate settings.															
25CG3	25	36	30	1	12	4	10	1	30AE3	30	40	30	5	4	3	7	1	35L6	35	4	57					1							
25CK3	25	44	30	4	5	7	2	1	30AG11	30	36	28	1	12	12	8	1	35L6	35	29	54					1							
25CM3	25	44	30	4	5	2	7	1				28	1	12	12	5	1	35LR6	35	36	*32	1	12	9	5	1							
25CT3	25	39	32	4	5	6	2	1	30C1	9	11	56					1	*May show short position 3-4-7-10-11.															
25CU6	25	27	69					1	30CW5	30	23	58					1	35W4	35	41	33	4	3	6	5	1							
25D4	25	34	11					1	30HD5	30	36	*27	1	12	9	11	1	35Y4	35	37	31	8	1	4	2	1							
25DK3	25	44	31	4	5	2	7	1	*Normally shows short position 4-5-8-10.									35Z3	35	37	31	8	1	12	2	1							
25DK4	25	41	26	3	4	6	5	1	30HU5	30	36	*27	1	12	9	11	2	35Z4	35	38	33	7	2	12	5	1							
25DL3	25	44	29	4	5	7	2	1	*Normally shows short position 4-5-8-10.									35Z5	35	38	39	7	2	3	5	1							
25DN6	25	26	47					1	30JZ6	30	36	*31	1	12	9	5	1	36AM3-B	35	41	35	4	3	6	5	1							
25DQ6	25	27	65					1	*Some tubes may show short position 3-4-10-11.									36KD6	35	36	*26	1	12	9	5	1							
25DT5	25	16	45					1	30K06	30	36	*26	1	12	9	5	1	*Normally shows short position 3-4-10-11.															
25E5	25	27	58					1	30K85	30	44	*26	4	5	1	8	1	36ME7	40	36	27	1	12	10	2	1							
25EC6	25	26	53					1	*Normally shows short position 2-3-6-7.									36HE7	40	36	27	1	12	10	2	1							
25EH5	25	4	57					1	30L1	7	39	33	5	4	7	2	1	36HK7	40	36	29	1	12	10	9	1							
25F5	25	4	54					1	30MB6	30	36	*32	1	12	9	5	1	40FR5	40	4	54					1							
25F5A	25	4	54					1	*Normally shows short position 3-4-10-11.									40WD6	40	36	*26	1	12	9	5	1							
25G-B6	25	27	64					1	30M-P23	30	41	30	3	4	5	2	1	*Normally shows short position 3-4-10-11.															
25GE5	25	36	*24	1	12	11	9	1	30M-P27	30	41	30	3	4	5	2	1	40K86	40	44	*28	4	5	1	8	1							
*Normally shows short position 4-10.									30PL12	16	39	33	5	4	12	3	1	*Normally shows short position 2-3-6-8.															
25HX5	25	44	*30	4	5	7	1	1	30P16	16	23	68					1	40Z5	50	38	31	7	2	3	5	1							
*Normally shows short position 2-3.									*Normal Shorts refer to position of "D" Switch. Use TC-50 Adaptor. TC-52B Adaptor.									42EC4	40	38	32	7	8	2	5	1							
25J06	25	39	*34	4	5	8	7	1																									
25JZ8	25	36	*57	4	5	8	6	1																									
25L6	25	29	47					1																									
25M-P20	25	1	43					1																									
25R-K19	25	15	10					1																									
25SN7	25	25	78					1																									
25U4	25	34	11					1																									
25W4	25	34	11					1																									
25W6	25	29	51					1																									

*Normal Shorts refer to position of "D" Switch. Use TC-50 Adaptor. TC-52B Adaptor.

22JG6A-42EC4

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Watt	Socket	Sens. tivity	A	B	C	D	Test Pos.	TUBE TYPE	Watt	Socket	Sens. tivity	A	B	C	D	Test Pos.	TUBE TYPE	Watt	Socket	Sens. tivity	A	B	C	D	Test Pos.
42KN6	22	36	*30	7	12	8	5	1	1274	6	37	45	8	1	12	3	1	5832	6	29	63					1
*DO NOT turn D switch to position 1 and 12. *Normally shows short position 3-4-10-11.									1280	12	37	37	8	1	12	6	1	5861	6	38	37	7	2	12	5	1
45B5	50	23	68					1	1294	2	37	80	8	1	12	4	1	5863	12	8	75					1
45Z3	50	41	32	7	1	6	2	1	1611	6	29	91					1	5864	6	2	67					1
45Z5	50	38	31	7	2	3	5	1	1612	6	38	44	7	2	1	10	1	5865	12	8	67					2
50A5	50	37	35	8	1	12	6	1	1614	6	29	67					1	5865	12	8	54					2
50B5	50	3	58					1	1619	3	38	39	7	2	12	5	1	5892	6	29	79					1
50BK5	50	10	53					1	1620	6	38	50	7	2	12	10	1	6005	6	3	77					1
50BM8	50	39	33	5	4	12	3	1	1621	6	29	91					1	6006	6	3	77					1
			39	5	4	12	1	1	1622	6	29	63					1	6006	6	30	77					1
50C5	50	4	44					1	1626	12	29	82					1	6026	19	1	83					1
50C6	50	29	45					1	1631	6	29	63					1	6042	6	25	78					1
50CA5	50	4	55					1	1632	12	29	47					1	6046	25	29	47					1
50CB6	50	26	53					1	1634	12	38	48	8	7	12	3	1	6057	12	8	*85					1
50CC4	50	41	33	4	3	6	5	1	1865	6	41	48	8	7	12	4	1	6057	12	8	*85					2
50E5	50	27	58					1	1867	6	41	32	4	3	5	1	1	*Tube good if it reads 22 or more.								
50EH5	50	4	57					1	1852	6	30	60	4	3	5	1	1	6058	6	41	33	3	4	12	2	1
50FA5	50	4	54					1	1853	6	30	74					1	6058	6	41	33	3	4	12	7	1
50FE5	50	29	37					1	2050	6	38	34	7	2	12	5	1	6060	12	9	74					1
50FK5	50	4	88					1	5591	6	1	63					1	6062	6	39	33	5	4	8	9	1
50FY8	50	39	30	4	5	12	1	1	5649	12	29	92					1	6066	6	6	85					1
			39	4	5	12	1	1	5654	6	1	63					1	6066	6	6	85					2
50GY7	50	38	*55	1	12	7	11	1	5659	12	29	92					1	6067	12	8	75					1
			*30	1	12	7	2	1	5661	12	30	84					1	6067	12	8	75					2
*Normally shows short position 9-10.									5663	6	41	25	3	4	12	1	1	6069	6	1	63					1
50HC6	50	41	26	3	4	6	2	1	5670	6	39	29	9	1	12	3	1	6072	12	8	93					1
50HN6	50	41	27	3	4	6	2	1	5679	6	37	48	8	1	12	3	1	6080	6	38	35	8	7	12	1	1
50HN5	50	39	39	4	5	1	2	1	5686	6	23	87					1	6082	25	38	35	8	7	12	4	1
50JY6	50	27	55					1	5687	12	39	37	5	4	8	2	1	6084	6	39	35	8	7	12	4	1
50L6	50	29	47					1	5691	6	25	*85					1	6085	12	8	74					1
50K6	50	37	35	8	1	12	5	1	*Tube good if it reads 22 or more.									6087	5	33	23					1
			35	8	1	12	6	1	5692	6	25	78					2	6096	6	1	63					1
50Y6	50	38	35	7	2	12	5	1	5693	6	30	83					1	6097	6	41	33	3	4	12	2	1
			35	7	2	12	5	1	5696	6	41	34	4	3	5	6	1	6100	6	41	33	3	4	12	7	1
50Y7	50	38	35	7	2	6	5	1	5725	6	1	77					1	6101	6	2	60					1
53NK7	50	36	29	1	12	10	9	1	5726	6	41	33	3	4	12	2	1	6113	6	25	*85					1
			29	1	12	10	2	1	5749	6	1	78					1	6134	6	30	80					2
53KU	5	33	10					1	5750	6	1	91					1	6135	6	41	41	4	3	1	6	1
			10					2	5751	12	8	*85					2	6138	6	1	82					1
58NE7	50	36	27	1	12	10	2	1	*Tube good if it reads 22 or more.									6137	6	30	64					1
			27	1	12	10	9	1	5755	18	39	38	4	5	9	3	1	6146	6	38	*38	7	2	1	5	1
60EH5	50	4	57					1	5763	6	39	33	5	4	8	9	1	6147	6	29	63					1
60FX5	50	4	68					1	5814-A	12	8	75					1	*Normally shows short position 4-6.								
60HL5	50	39	30	4	5	1	2	1	5823	1	41	*85	5	6	5	4	1	6159	25	38	*38	7	2	1	5	1
64SPT	6	39	33	5	4	1	2	1	*Ignore short lamp indication. *Normally shows grid emission.									6180	6	25	78					1
150C3	50	38	*99	2	11	3	5	1	5824	25	29	48					1	6186	6	1	80					2
*Tube good if it reads 60 or more. *Normally shows short position 11.									5845	4	41	*100	3	4	7	1	1	6187	6	1	87					1
213PEN	19	39	*32	5	4	7	2	1	*Tube good if it reads 10 or more									6188	6	25	*81					1
396-A	6	39	29	9	1	12	3	1	5871	6	29	79					1	*Tube good if it reads 22 or more.								
			29	9	1	12	1	1	5879	6	39	52	5	4	12	1	1	6189	12	8	75					1
403B	6	1	63					1	5881	6	29	63					1	6197	6	39	*32	5	4	2	9	1
407A	40	39	29	1	9	5	3	1	5915	6	1	92					1	*Normally shows short position 3-8.								
			29	1	9	5	7	1	5920	6	2	49					1	6198	12	8	75					1
408A	19	1	65					1	5931	5	33	16					1									2
502A	6	38	26	2	7	12	5	1									2									1
884	6	38	35	2	7	12	5	1									2									1
1003	6	31	8					1									2									1
1201	6	37	*33	8	2	1	5	1									2									1
*Normally shows short position 3-4-6-7.																	2									1
1203	6	37	53	8	1	12	4	1									2									1
1222A	6	38	25	1	6	12	4	1									2									1
1223	6	38	50	7	2	12	10	1									2									1
1232	6	37	36	8	1	12	6	1									2									1
1273	6	37	37	8	1	12	6	1									2									1

*Normal Shorts refer to position of "D" Switch.

42KN6-6198

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sens.-Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sens.-Sensitivity	A	B	C	D	Test Pos.
6201	12	8	74					1	7025	12	8	*85					1	7716	12	12	53					1
			74					2				*85					2									2
6202	6	41	44	4	3	12	1	1				*36	7	2	5	6	1	7719	12	40	29	4	5	1	7	1
			44	4	3	12	6	1									1	7722	6	23	80					1
6203	6	39	41	4	5	12	1	1									1	7724	14	39	52	5	4	12	8	1
			41	4	5	12	9	1				92	4	5	8	2	1									1
6211	12	8	54					1	7038	6	1	92					1	7728	12	8	74					1
			54					2	7044	12	39	30	4	5	8	7	1									1
6216	6	39	*28	4	5	8	2	1	7054	12	9	42					1									1
								1	7055	12	41	33	3	4	12	2	1									1
								1									1	7729	12	8	*85					1
6218	6	39	72	4	5	12	2	1									1									1
6227	6	9	53					1	7056	12	1	64					1									1
6265	6	1	89					1	7057	12	8	53					1									1
6267	6	39	40	5	4	2	9	1									1	7730	12	8	75					1
6293	6	38	*38	7	2	1	5	1	7058	12	8	*85					1									1
								1									1	7731	6	11	79					1
								1									1									1
								1									1	7732	6	1	64					1
6336	6	38	29	8	7	12	1	1	7059	12	11	79					1	7733	12	9	42					1
			29	8	7	12	4	1									1	7738	6	41	*33	4	3	2	8	1
6350	12	39	31	4	5	9	3	1	7060	12	13	55					1									1
			31	4	5	9	8	1									1									1
6360	12	39	30	4	5	9	1	1									1									1
			30	4	5	9	3	1	7061	12	16	67					1	7751	6	38	30	2	7	4	5	1
6384	6	38	33	8	6	12	7	1	7062	12	8	54					1	7754	6	39	34	5	4	12	6	1
6417	12	39	33	5	4	8	9	1									1	7768	6	38	*29	4	5	3	2	1
6463	12	39	28	4	5	9	3	1	7105	12	38	35	5	7	12	1	1									1
			28	4	5	9	8	1									1	7867	6	26	53					1
6485	6	1	58					1	7119	12	39	30	4	5	8	2	1	7868	6	44	*27	4	5	2	8	1
6516	6	41	34	4	3	12	1	1									1									1
6520	6	39	35	8	7	12	1	1	7167	12	1	54					1	7895	6	43	*85	10	12	12	2	1
			35	8	7	12	4	1	7189	6	39	*33	5	4	1	2	1									1
								1									1	7898	14	8	73					1
6550	6	29	52					1									1									1
6560	6	1	78					1	7199	6	39	30	5	4	12	7	1	7984	12	36	*59	1	12	7	11	1
6561	6	1	89					1									1									1
6562	6	1	81					1	7233	6	39	33	5	4	2	7	1									1
6563	6	41	33	3	4	12	2	1									1	8016	1	32	55					1
			33	3	4	12	7	1	7247	12	8	75					1	8032	12	38	*38	7	2	1	5	1
6664	6	2	93					1									1									1
6669	6	3	77					1									1	8056	6	43	*63	10	12	12	2	1
6676	6	1	64					1	7258	12	13	62					1									1
6677	6	39	*32	5	4	2	8	1									1	8102	12	39	28	4	5	12	3	1
								1									1									1
								1	7308	6	8	23					1	8106	12	39	*24	4	5	3	7	1
6678	6	11	79					1									1									1
			79					1	7320	6	23	68					1	8113	6	1	58					1
6679	12	8	79					1	7355	6	38	37	7	2	12	6	1	8136	6	1	65					1
			79					1	7360	6	39	29	4	5	12	3	1									1
6680	12	8	75					1	7370	40	39	24	4	5	8	2	1	8156	12	36	*32	1	12	9	10	1
			75					1									1									1
6681	12	8	*85					1	7408	6	29	80					1	8233*	6	44	*24	4	5	7	8	1
			*85					1	7543	6	1	85					1									1
								1	7551	15	39	*33	4	5	9	2	1									1
								1									1	8278*	6	44	*31	4	5	3	7	1
6686	6	9	60					1									1									1
6687	6	1	89					1	7558	6	39	*26	4	5	3	2	1									1
6688	6	23	82					1									1	8327	6	23	65					1
6689	6	39	25	4	5	12	2	1	7581	6	29	64					1	8417	6	29	54					1
6829	12	8	54					1	7586	6	43	*65	10	12	12	2	1		8425	6	1	67				1
			54					1									1	8458	12	44	32	4	5	9	1	1
6883	12	38	*38	7	2	1	5	1									1									1
								1	7597	6	43	*67	10	12	12	2	1									1
6887	6	41	33	4	3	12	2	1									1	8552	12	36	*38	7	2	1	5	1
			33	4	3	12	7	1	7591	6	38	34	7	2	4	6	1									1
								1	7607	6	38	*32	7	2	1	5	1									1
6898	6	30	62					1									1	8908								

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Serial- evity	A	B	C	D	Test Pos.
A1834	6	38	35	8	7	12	1	1	CV553	25	29	47					1	CV732	6	34	11				1	
			35	8	7	12	4	1	CV554	6	38	48	7	2	12	3	1	CV747	6	30	60				1	
AR18	6	38	40	7	2	12	10	1				48	7	2	12	5	1	CV753	2	41	*76	7	1	2	6	1
			65	7	2	12	4	1	CV559	25	38	34	7	2	12	3	1	*Normally shows short position 5-11.								
			63	7	2	12	5	1				34	7	2	12	5	1	CV755	1	38	55	7	2	12	5	1
ARD03	6	38	46	7	2	12	9	1	CV561	35	29	54					1	CV756	1	38	55	7	2	12	5	1
			46	7	2	12	9	1	CV562	35	29	54					2	CV756	1	38	55	7	2	12	5	1
ARH1	6	38	44	7	2	12	10	1	CV565	35	37	31	8	1	12	2	1	CV764	2	38	54	7	2	12	10	1
ARP15	6	38	52	7	2	12	10	1	CV567	35	38	33	7	2	3	5	1	CV768	2	38	48	7	2	12	5	1
ARP16	6	38	50	7	2	12	10	1	CV568	35	38	33	7	2	3	5	1	CV770	2	38	54	7	2	12	10	1
ARP17	6	29	91					1	CV571	50	29	47					1				84	7	2	12	4	1
ARP32	6	29	79					1	CV572	6	33	15					1				67	7	2	12	5	1
ARP33	6	29	79					2				15					2	CV772	1	38	55	7	2	12	4	1
ARTH-1	6	38	35	7	2	12	8	1	CV573	6	33	15					1				55	7	2	12	5	1
AU13	5	33	32					2				15					2	CV773	1	38	55	7	2	12	4	1
			32					1	CV574	6	33	15					1				55	7	2	12	5	1
AZ32	4	33	32					2				15					2	CV775	1	37	62	8	1	12	4	1
			32					1	CV575	5	33	16					1	CV776	1	37	55	8	1	12	8	1
B36	12	25	78					1				16					2	CV777	1	37	54	6	1	5	8	1
			78					2	CV578	6	38	45	7	2	12	6	1	CV778	1	37	68	8	1	12	4	1
B65	6	25	78					1	CV579	6	38	45	7	2	12	6	1	CV779	2	37	53	8	1	12	6	1
			78					2	CV580	6	38	45	7	2	12	6	1				63	8	1	12	4	1
B152	12	8	74					1	CV581	6	29	99					1	CV780	2	37	52	8	1	12	6	1
			74					2	CV582	6	29	99					1				60	8	1	12	4	1
B309	12	8	74					1	CV583	6	29	99					1	CV781	1	37	53	8	1	5	6	1
			74					2	CV586	6	29	63					1	CV782	1	41	57	7	1	5	4	1
B319	7	38	33	5	4	7	2	1	CV587	6	38	40	7	2	12	10	1	CV783	1	41	*55	7	1	5	3	1
			33	5	4	7	8	1				40	7	2	12	4	1	*Normally shows short position 2-6.								
B329	12	9	75					1				63	7	2	12	5	1	CV784	1	41	56	7	1	12	6	1
			75					2	CV588	6	38	40	7	2	12	10	1				95	7	1	12	3	1
B339	12	8	*85					1				63	7	2	12	4	1	CV785	1	41	55	7	1	5	6	1
			*85					2	CV589	6	38	40	7	2	12	10	1	CV786	1	38	54	7	2	12	5	1
B719	6	8	70					1				63	7	2	12	5	1	CV797	6	41	32	4	3	5	1	1
			70					2				63	7	2	12	4	1	CV805	50	38	35	7	2	12	3	1
BPM04	6	3	77					1	CV590	6	30	83					1	CV807	3	41	*36	7	1	5	4	1
CV131	6	41	35	4	3	12	1	1	CV591	6	30	83					1	*Normally shows short position 2-6.								
CV133	6	41	41	4	3	1	6	1	CV592	6	30	83					1	CV808	3	41	45	7	1	4	3	1
CV136	6	41	34	4	3	12	1	1	CV593	6	33	12					1				45	7	1	4	5	1
CV138	6	41	30	4	3	12	1	1				12					2	CV815	2	37	43	8	1	7	6	1
CV140	6	41	33	3	4	12	2	1	CV594	6	30	77					1	CV818	3	41	*42	7	1	5	3	1
			33	3	4	12	7	1	CV595	6	30	77					1	*Normally shows short position 2-6.								
CV216	50	38	*99	2	1	3	5	1	CV597	6	38	50	7	2	12	10	1	CV819	3	38	45	7	2	8	5	1
								1	CV600	6	30	80					1	CV820	3	41	*48	7	1	5	3	1
								1	CV601	6	30	74					1	*Normally shows short position 2-6.								
CV283	6	41	33	3	4	12	2	1	CV604	6	41	*46	4	3	1	6	1	CV841	5	33	16					1
			33	3	4	12	7	1	*Normally shows short position 2-7.								1	CV842	5	33	32					2
CV450	6	29	*62					1	CV605	6	1	*73					1	*Tube good if it reads 23 or more.								
								1	CV606	50	38	*85	2	11	3	5	1	CV844	6	38	40	7	2	12	5	1
CV452	6	6	85					1	*Normally shows short position 11.								1	CV845	6	38	40	7	2	12	5	1
			78					2	*Normally shows grid emission.								1	CV848	6	30	60					1
CV453	6	1	91					1	CV602	6	31	8					1	CV849	6	1	80				1	
CV454	6	1	78					1				8				2	CV850	6	1	83				1		
CV455	12	8	74					2	CV604	12	30	77					1	CV851	6	38	35	7	2	12	5	1
CV491	12	8	75					1	CV607	12	30	83					1	CV852	6	41	14	4	3	1	6	1
			75					2	CV608	12	30	83					1	CV858	6	2	60				1	
CV492	12	8	*85					2	CV700	12	38	46	8	7	12	2	1				60				2	
			*85					1				68	8	7	12	4	1	CV862	6	38	53	7	2	12	5	1
								2	*Tube good if it reads 22 or more.								1	CV865	6	30	69					1
CV493	6	41	44	4	3	12	1	1	CV703	6	38	35	7	2	12	5	1	CV866	6	30	83				1	
			44	4	3	12	6	1	CV706	6	38	48	7	2	12	10	1	CV867	6	38	46	8	7	12	2	1
CV511	6	29	79					1	CV717	5	33	22					1				69	8	7	12	4	1
CV536	12	38	87	7	2	12	5	1				22					2				68	8	7	12	5	1
CV544	12	30	84					1	CV723	3	38	39	7	2	12	5	1				68	8	7	12	5	1
CV547	12	38	42	8	7	12	2	1	CV726	35	37	31	8	1	12	2	1	CV873	6	33	17				1	
			71	8	7	12	4	1	CV728	2	38	53	7	2	12	10	1									

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Grid-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Grid-Unity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Grid-Unity	A	B	C	D	Test Pos.	
CV1990	6	38	42	8	7	12	2	1	U193	3	41	*36	7	1	5	4	1	E80F	6	39	34	4	5	7	9	1	
			71	8	7	12	4	1										E80L	6	39	25	4	5	1	2	1	
			71	8	7	12	5	1	DA90	2	41	*70	7	1	2	6	1	E80T	6	39	72	4	5	12	2	1	
CV1991	6	38	42	8	7	12	2	1										E81CC	12	8	74					2	
			71	8	7	12	4	1	DAC32	1	38	55	7	2	12	10	1										2
			71	8	7	12	5	1										E81L	6	9	60					1	
CV1993	6	30	92					1	DAF91	1	41	56	7	1	12	6	1	E83F	6	39	25	4	5	12	2	1	
CV1995	6	38	52	8	7	12	2	1										E83CC	6	8	24					1	
			72	8	7	12	4	1	DAF92	2	41	55	7	1	12	6	1										1
			72	8	7	12	5	1										E90CC	6	2	49					1	
CV1998	6	38	52	8	7	12	2	1	DAF96	1	41	58	7	1	12	6	1										2
			72	8	7	12	4	1										E90F	6	1	82					1	
			72	8	7	12	5	1	DC90	1	41	*70	7	1	5	6	1	E91AA	6	41	33	3	4	12	2	1	
CV2128	6	39	85	5	4	12	1	1										E91H	6	1	89					1	
			38	5	4	12	9	1	DCC90	3	41	45	7	1	4	3	1										1
CV2129	6	39	33	5	4	8	6	1										E91N	6	41	32	4	3	5	1	1	
CV2370	3	41	*48	7	1	5	3	1	DD6	6	41	33	3	4	12	2	1	E92CC	6	2	61					1	
																											2
CV2390	3	41	*36	7	1	5	4	1	DF33	2	38	53	7	2	12	10	1	E99F	6	1	84					1	
									DF91	1	41	55	7	1	5	6	1	E180F	6	23	82					1	
CV2500	35	38	33	7	2	12	5	1	DF92	1	41	55	7	1	5	6	1	E182CC	6	39	30	4	5	8	2	1	
CV2507	1	41	52	7	1	5	6	1	DF96	1	41	56	7	1	5	6	1									1	
CV2522	6	1	77					1	DF97	1	41	40	7	1	5	6	1	E188CC	6	6	23					1	
CV2524	6	1	82					1	DF904	1	41	52	7	1	5	6	1									2	
CV2528	6	6	91					1	DH63	6	38	40	7	2	12	10	1	E235L	6	38	30	2	7	4	5	1	
			78					2										E280F	6	23	80					1	
CV2534	50	29	47					1										E810F	6	39	*29	4	5	5	2	1	
CV2704	6	37	*33	8	2	1	5	1	DH74	12	38	40	7	2	12	10	1									1	
																											1
CV2706	6	37	53	8	1	12	4	1										EAA91	6	41	33	3	4	12	2	1	
																											1
CV2714	6	29	67					1	DH76	12	38	40	7	2	12	10	1	EABC80	6	17	90					1	
CV2716	6	38	48	8	7	12	3	1																		2	
			48	8	7	12	4	1										CAF801	6	39	34	4	5	7	2	1	
CV2721	6	39	*32	5	4	7	2	1	DH107	19	6	85														1	
																											1
CV2748	5	33	12					1	DH149	6	37	50	8	1	4	3	1	EB34	6	38	48	7	2	1	3	1	
			12					2																			1
CV2789	6	41	*55	4	3	1	5	1	DH710	6	17	90						EB91	6	41	33	3	4	12	2	1	
																											1
CV2901	6	39	40	4	5	2	9	1										EBC90	6	6	85					1	
																											2
CV2938	6	29	53					1	DH719	6	17	90						EBC91	6	6	91					1	
CV2975	6	23	68					1																			2
CV2983	1	41	45	7	1	5	6	1	DK91	1	41	57	7	1	5	4	1	FRF80	6	39	37	5	4	12	2	1	
CV2984	6	38	35	8	7	12	4	1	DK92	1	41	48	7	1	12	4	1									1	
			35	8	7	12	4	1	DK96	1	41	54	7	1	12	4	1										1
CV3512	6	41	34	4	3	5	6	1	DL33	3	38	45	7	2	8	5	1	FBF83	6	39	31	5	4	12	2	1	
CV3523	6	38	*38	7	2	1	5	1	DL35	1	38	54	7	2	12	5	1									1	
									DL36	1	38	48	7	2	12	5	1										1
									DL91	1	41	*55	7	1	5	3	1	EBF89	6	39	33	5	4	12	2	1	
CV3798	50	38	*70	2	11	3	5	1																			1
																											1
									DL92	3	41	*48	7	1	5	3	1										1
CV3799	50	38	*69	2	11	3	5	1																			1
									DL93	3	41	*36	7	1	5	4	1	FCR1	6	39	30	4	5	12	1	1	
									DL94	3	41	45	7	1	5	6	1	FCR6	6	40	29	4	5	3	6	1	
									DL95	3	41	*42	7	1	5	3	1	ECC8	6	39	*85	4	5	7	8	1	
CV4007	6	41	33	3	4	12	2	1																			1
			33	3	4	12	7	1	DL96	3	41	45	7	1	5	6	1										1
CV4010	6	1	63					1	DP61	6	1	83						FC90	6	41	41	4	3	1	6	1	
CV4018	6	41	32	4	8	5	1	1	DY30	1	32	55						EC91	6	41	*79	4	3	6	1	1	
CV4024	12	8	74					1																			1
			74					2	DVR0	1	24	85						EC95	6	41	32	4	3	1	2	1	
D286	6	41	33	3	4	12	2	1	DY86	1	24	35						EC97	6	41	33	4	3	1	2	1	
			33	3	4	12	7	1	DY87	1	24	35						EC900	6	5	56					1	

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater	Socket	Sensit-ivity	A	B	C	D	Test Pos.
ECC83	12	8	*85 *85					1 2	ED500	6	44	*52	4	5	12	8	1	EL240	6	39	40	6	4	12	1	1
ECC84	6	39	33 33	5	4	7	2	1 1	EF22	6	37	36	8	1	12	6	1	EZ81	6	39	34	5	4	12	1	1
ECC85	6	8	70 70 70					1 1 2	EF80	6	9	76					1	EZ90	6	41	44	4	3	12	1	1
ECC86	6	39	39 33	5	4	12	2	1 1	EF85	6	9	62					1	GI80/ZM	50	38	*99	2	11	3	5	1
ECC88	6	39	31 31	5	4	12	2	1 1	EF89	6	9	80	5	4	2	9	1									
ECC89	6	39	29 29	4	5	7	2	1 1	EF91	6	41	30	4	3	12	1	1									
ECC91	6	2	60					1	EF92	6	41	35	4	3	12	1	1									
ECC189	6	8	80 80					2 1	EF93	6	1	78					1	GY501	3	44	*94	4	5	4	10	1
ECC8018	12	8	74 74					1 2	EF94	6	1	82					1	GZ-30	5	33	12					1
ECC802S	12	8	75 75					1 2	EF95	6	1	63					1	GZ-32	5	33	12					2
ECC808	6	39	36 36	4	5	12	1	1 1	EF96	6	1	80					1									
ECC808	6	39	41	4	5	8	1	1	EF98	6	41	30	4	3	12	1	1									
ECC960	6	2	49 49					1 2	EF183	6	9	40					1									
ECF80	6	11	68 55					1 2	EF184	6	9	58					1									
ECF82	6	11	79 58					1 2	EF804	6	39	39	5	4	2	8	1									
ECF86	6	39	25 25	4	5	8	2	1 1	EF-806S	6	39	40	4	5	2	8	1									
ECF200	6	42	20 20	5	6	12	9	1 1	EFL200	6	42	27	5	6	12	8	1									
ECF201	6	42	30 28	5	6	12	10	1 1	EH90	6	1	94					1									
ECF202	6	42	32 33	5	6	12	10	1 1	EH-900S	6	1	91					1									
ECF801	6	22	62 78					1 2	EK90	6	1	91					1									
ECF802	6	11	80 85					1 2	EL34	6	29	53					1									
ECF-805	6	39	30	4	5	8	7	1	EL36	6	27	58					1									
ECH81	6	39	33 38	4	5	8	9	1 1	EL37	6	29	63					1									
ECH83	6	39	30 34	5	4	12	2	1 1	EL38	6	29	*62					1									
ECH84	6	22	88 93					1 2	*For plate cap use jack next to socket 26.								1									
ECH200	6	42	31 30	5	6	12	8	1 1	EL81	6	39	*82	5	4	7	2	1									

B & K DYNA-JET MODEL 70/ TUBE CHART

TUBE TYPE	Wester	Socket	Serial-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Wester	Socket	Serial-Utility	A	B	C	D	Test Pos.	TUBE TYPE	Wester	Socket	Serial-Utility	A	B	C	D	Test Pos.	
LFL200	10	42	27	5	6	12	1	1	PCC84	7	39	33	5	4	7	2	1	PY88	30	40	30	5	4	3	7	1	
LL86	10	23	38	5	6	12	8	1	PCC85	9	8	70	5	4	7	8	1	PY500M	40	38	32	7	8	2	5	1	
LL500	18	44	*25	4	5	2	1	1	PCC86	7	38	31	5	4	12	2	1	QA240	6	41	41	4	3	1	8	1	
*Normally shows short position 3-6-7-8.									PCC88	7	38	31	5	4	12	2	1	QA240A	6	41	33	3	4	12	7	1	
LL505	25	44	*26	4	5	1	8	1	PCC89	7	39	29	4	5	7	2	1	QA240B	12	8	74	7	4	12	7	1	
*Normally shows short position 2-3-6-7.									PCC189	7	8	30	4	5	7	6	1	QA240C	6	41	44	4	3	12	1	1	
LL521	22	44	*28	4	5	1	8	1	PCF80	9	11	66	5	4	12	7	1	QA240D	6	25	78	4	3	12	6	1	
*Normally shows short position 2-3-6-7.									PCF82	9	11	79	5	4	12	7	1	QE03/10	6	39	33	5	4	8	9	1	
LL802	10	9	51	5	4	12	9	1	PCF86	7	39	25	4	5	3	2	1	QE05/40	6	38	*38	7	2	1	5	1	
LN152	6	39	37	5	4	12	9	1	PCF200	8	42	25	4	5	1	6	1	QS150/40	50	38	*99	2	11	3	5	1	
LY-81	10	39	33	5	4	2	9	1	PCF201	8	42	30	5	6	12	3	1	*Tube good if it reads 60 or more. *Normally shows short position 4-6. *Normally shows grid emission.									
LY88	22	40	30	5	4	7	3	1	PCF801	8	22	62	5	6	12	10	1	QV03/12	6	39	33	5	4	8	9	1	
*If no test, use alternate settings.									PCF802	9	11	80	5	6	12	3	1	QV06/20	6	38	*38	7	2	1	5	1	
LY88	22	40	30	5	4	3	7	1	PCF805	7	39	36	4	5	8	7	1	*Normally shows short position 4-6.									
LY500M	30	38	32	7	8	2	5	1	PCH200	9	42	31	5	6	12	3	1	R52	5	33	12	12	12	12	12	1	
LZ319	9	11	66	5	4	7	3	1	PCL82	16	39	33	5	6	12	3	1	SN7	1	32	55	55	55	55	55	1	
M8061	6	2	60	5	4	7	3	1	PCL84	15	39	26	4	5	12	8	1	SP6	6	41	30	4	3	12	1	1	
M8100	6	1	63	7	2	12	5	1	PCL85	18	39	28	4	5	12	9	1	T29A05	6	41	34	4	3	12	5	1	
N14	1	38	54	7	2	12	5	1	PCL86	14	39	25	4	5	12	8	1	TJ880	12	9	35	34	4	3	12	6	
N17	3	41	*46	7	1	5	3	1	PD500	9	44	*52	4	5	12	8	1	TM12	6	41	*85	4	3	1	7	1	
*Normally shows short position 2-6.									PF9	6	38	52	7	2	12	10	1	*Normally shows short position 5-6.									
N18	9	41	*42	7	1	5	3	1	PF86	4	39	33	4	5	7	8	1	TS51	6	1	63	63	63	63	63	1	
N19	3	41	45	7	1	5	6	1	PF200	17	42	27	5	6	12	1	1	TS52	6	2	60	60	60	60	60	1	
N221L	19	44	33	4	5	7	1	1	PH4	6	38	45	7	2	12	8	1	TS-876C	6	39	*28	4	5	1	2	1	
N152	19	39	*32	5	4	7	2	1	PL36	25	27	58	5	4	7	2	1	*Normally shows short position 3-8.									
*Normally shows short position 1-6-8.									PL81	19	39	*32	5	4	7	2	1	U50	5	33	32	32	32	32	32	1	
N329	16	23	66	5	4	12	7	1	PL82	16	23	58	5	4	12	2	1	U52	5	33	16	16	16	16	16	1	
N709	6	23	68	5	4	12	7	1	PL83	12	39	30	5	4	12	2	1	U54	5	33	10	10	10	10	10	1	
NCC189	4	39	30	5	4	12	2	1	PL84	15	23	58	5	4	12	2	1	U78	6	41	44	4	3	12	1	1	
N867	6	38	44	7	2	12	10	1	PL500	30	44	*25	4	5	2	1	1	U78	6	41	44	4	3	12	1	1	
NR78	6	29	99	7	2	12	10	1	*Normally shows short position 2-3-6-7-9.									U147	6	33	15	15	15	15	15	1	
NR78A	6	29	93	7	2	12	10	1	PL505	40	44	*26	4	5	1	8	1	U149	6	37	45	8	1	12	3	1	
NR81	6	38	52	7	2	12	10	1	PL506	17	44	30	4	5	1	8	1	U159	17	39	33	4	5	2	9	1	
NR83	6	38	58	7	2	12	10	1	PL508	17	44	30	4	5	1	8	1	U154	19	39	29	4	5	8	9	1	
NR85	6	29	91	7	2	12	10	1	PL509	30	44	*26	4	5	1	8	1	U192	19	39	29	4	5	6	9	1	
NR95	25	29	47	5	4	12	2	1	*Normally shows short position 3-6-7-8.									U709	6	39	34	5	4	12	1	1	
NU20	5	33	32	5	4	12	2	1	PL505	40	44	*26	4	5	1	8	1	U709	6	39	34	5	4	12	1	1	
OBC3	12	38	42	8	7	12	2	1	*Normally shows short position 2-3-6-7.									UAAS1	19	41	33	3	4	12	7	1	
OF1	6	38	47	7	2	12	10	1	PL508	17	44	30	4	5	1	8	1	U709	6	39	34	5	4	12	1	1	
OH4	12	38	45	7	2	12	5	1	PL509	30	44	*26	4	5	1	8	1	U709	6	39	34	5	4	12	1	1	
OSW2190	6	30	60	5	4	12	2	1	PL521	30	44	*29	4	5	1	8	1	U709	6	39	34	5	4	12	1	1	
OSW2192	6	30	38	5	4	12	2	1	*Normally shows short position 2-3-6-7.									UAAS1	19	41	33	3	4	12	7	1	
OSW2600	6	30	60	5	4	12	2	1	PL802	16	9	51	5	4	7	2	1	U709	6	39	34	5	4	12	1	1	
OSW2601	6	30	38	5	4	12	2	1	PL820	19	39	*32	5	4	7	2	1	U709	6	39	34	5	4	12	1	1	
OSW3105	6	38	42	8	7	12	2	1	*Normally shows short position 1-6-8.									U709	6	39	34	5	4	12	1	1	
OSW3106	6	29	79	7	2	12	4	1	PM04	6	1	78	5	4	12	9	1	U709	6	39	34	5	4	12	1	1	
OSW3108	6	29	63	7	2	12	3	1	PM05	6	1	63	5	4	12	9	1	U709	6	39	34	5	4	12	1	1	
OSW3109	6	38	48	7	2	12	3	1	PY32	30	38	24	2	7	6	3	1	U709	6	39	34	5	4	12	1	1	
OSW3111	6	30	84	7	2	12	6	1	PY80	19	39	29	5	4	12	9	1	U709	6	39	34	5	4	12	1	1	
OSW3112	6	29	93	7	2	12	6	1	PY81	17	39	33	5	4	12	9	1	U709	6	39	34	5	4	12	1	1	
PABC80	9	17	90	7	2	12	6	1	PY82	19	39	29	4	5	6	8	1	U709	6	39	34	5	4	12	1	1	
PC86	4	40	29	4	5	3	8	1	PY88	30	40	30	5	4	7	3	1	U709	6	39	34	5	4	12	1	1	
PC88	4	39	*85	4	5	7	8	1	*If no test, use alternate settings.									U709	6	39	34	5	4	12	1	1	
*Normally shows short position 1-3-6-9.									UCC84	22	39	33	5	4	7	2	1	UCC85	25	8	70	70	70	70	70	1	
PC-85	4	41	33	4	3	1	2	1	UCC85	25	8	70	70	70	70	70	70	1	UCF80	25	11	66	66	66	66	66	1
PC97	5	41	33	3	4	1	2	1	UCC85	25	8	70	70	70	70	70	70	1	UCC85	25	8	70	70	70	70	70	1
PC900	4	5	58	3	4	1	2	1	UCC85	25	8	70	70	70	70	70	70	1	UCC85	25	8	70	70	70	70	70	1
*Normal Shorts refer to position of "D" Switch									UCC85	25	8	70	70	70	70	70	70	1	UCC85	25	8	70	70	70	70	70	1
*Use TC-62B Adapter.									UCC85	25	8	70	70	70	70	70	70	1	UCC85	25	8	70	70	70	70	70	1
*Normal Shorts refer to position of "D" Switch									UCC85	25	8	70	70	70	70	70	70	1	UCC85	25	8	70	70	70	70	70	1
*Use TC-62B Adapter.									UCC85	25	8	70	70	70	70	70											

B & K DYNA-JET MODEL 707 TUBE CHART

TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	TUBE TYPE	Heater Socket	Sensitivity	A	B	C	D	Test Pos.	
UF89	12 9	80					1	VI98	6 38	45	7	2	12	5	1	XCH81	3 39	85	5	4	12	1	1	
UL84	50 23	58					1	VI102	6 29	82	7	2	12	10	1	XCL82	8 39	33	5	5	4	12	1	
UU12	6 39	34	5	4	12	1	VI103	6 38	42	8	7	12	2	1	XCL84	8 39	26	4	5	12	1	1		
UY82	50 39	29	4	5	6	8	1		71	8	7	12	4	1			25	4	5	12	1	1		
UY85	35 40	20	4	5	1	6	1	VI104	12 38	42	8	7	12	2	1	XCL85	16 39	25	4	5	12	1	1	
V2M70	6 41	44	4	3	12	1	1		71	8	7	12	4	1			25	4	5	12	1	1		
V884	6 41	35	4	3	12	1	1	VI105	6 38	48	8	7	12	3	1	XF80	3 9	78					1	
VF8	6 41	35	4	3	12	1	1		48	8	7	12	4	1	XF85	3 9	62					1		
VP1321	12 41	*55	4	3	1	5	1	VI107	6 29	79					1	XF183	3 9	40					1	
VR75	50 38	*70	2	11	3	5	1	VI112	6 30	80					1	XF184	3 9	58					1	
								VI114	5 33	16					1	XL36	12 27	57					1	
									16						2	XL84	8 29	68					1	
																XL86	8 23	58					1	
VR90	50 38	*69	2	11	3	5	1	VI115	6 29	63					1	XL500*	12 44	*25	4	5	2	1	1	
								VI116	6 30	83					1									1
								VI117	6 30	84					1	XY88*	16 40	30	5	4	7	3	1	
VR105	50 38	*85	2	11	3	5	1	VI124	1 38	55	7	2	12	5	1								1	
								VI125	1 38	54	7	2	12	5	1	XY88	16 40	30	5	4	3	7	1	
								VI126	6 33	15					1	XXD	12 37	41	8	1	12	4	1	
									15					2			41	8	1	12	5	1		
								W17	1 41	53	7	1	5	6	1	XXFM	6 37	43	8	1	12	3	1	
								W77	6 41	35	4	3	12	1	1			38	8	1	12	6	1	
								W149	6 37	45	8	1	12	6	1			35	8	1	12	6	1	
VT52	6 29	92					1	W719	6 9	62					1	XXL	6 37	41	8	1	12	6	1	
VT65	7 29	99					1	W727	6 1	78					1	YF183	4 9	40					1	
VT66	6 29	91					1	XG3M0	6 38	45	7	2	12	5	1	YF184	4 9	58					1	
VT74	5 33	12					1	X73M8	6 38	45	7	2	12	5	1	VL1371	12 38	*38	7	2	1	5	1	
		17					2	X107	19 1	51					1								1	
VT86	6 38	52	7	2	12	10	1	X155	6 8	55					1	Z14	2 38	53	7	2	12	10	1	
VT87	6 38	44	7	2	12	10	1		55					2	Z63	6 38	50	7	2	12	10	1		
VT88	6 38	52	7	2	12	10	1	X727	6 1	91					1	Z719	6 9	78					1	
		83	7	2	12	4	1	X8767A	6 38	34	7	2	12	5	1	Z729	6 39	40	5	4	2	6	1	
		63	7	2	12	5	1	XC95	2 41	33	4	3	1	2	1	ZD17	1 41	*55	7	1	5	3	1	
VT90	6 38	48	7	2	12	3	1	XC87	2 41	53	4	3	1	2	1								1	
		48	7	2	12	5	1	XC900	2 5	58					1								1	
VT91	6 38	50	7	2	12	10	1	XCC189	4 8	30					1	ZD25	1 41	58	7	1	12	6	1	
VT93	6 38	55	7	2	12	10	1		30					2	ZD151	6 39	37	5	4	12	2	1		
		65	7	2	12	4	1	XCF80	4 11	66					1								1	
VT94	6 29	93					1			65					2								1	
VT96	6 38	47	7	2	12	4	1	XCF86	5 39	24	4	5	3	2	1	ZD152	6 39	37	5	4	12	2	1	
		47	7	2	12	5	1			25	4	5	1	6	1								1	
VT97	5 33	32					1	XCF801	4 22	62					1								1	
		32					2																1	

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1. The first part of the document discusses the importance of maintaining accurate records. It emphasizes that proper record-keeping is essential for ensuring the integrity and reliability of the data collected. This section also outlines the various methods used to collect and analyze the data, highlighting the challenges associated with each approach.

2. The second part of the document provides a detailed overview of the experimental procedures. It describes the setup of the equipment, the calibration process, and the specific steps involved in conducting the experiments. This section is crucial for understanding the methodology used to generate the results presented in the paper.

3. The third part of the document presents the results of the experiments. It includes a series of tables and graphs that illustrate the data collected during the study. The authors analyze these results, discussing the trends observed and the implications of the findings. This section is the core of the research, providing the evidence needed to support the conclusions drawn.

4. The final part of the document discusses the conclusions and future work. The authors summarize the key findings of the study and discuss the limitations of the current work. They also identify areas for further research, suggesting potential directions for future studies. This section is important for understanding the broader context of the research and its contribution to the field.