

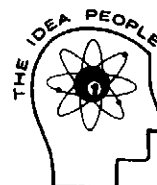
SCHEMATIC AND PARTS LIST

SENCORE TF166 AUTOMATIC TRANSISTOR ANALYZER



SENCORE

3200 SENCORE DRIVE, SIOUX FALLS, SOUTH DAKOTA 57107



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TF166 PARTS LIST

MISCELLANEOUS

ManualsPlus.com

REFERENCE	DESCRIPTION	PART NO.	PRICE
CHASSIS MOUNTED COMPONENTS			
CR1, CR2	Diode, Zener 15V, 1W, 10%	50C4-11	.50
II	Neon bulb with holder	20A7	.50
J1-J4	Banana Jack (specify color)	26G113	.25
M1	Meter, 100uA, 1900 ohms	23C47	24.00
R1	Control, dual, 10K/100 ohms	15C1-27	1.75
R2	Resistor, 1.8K, 10W, 10%	14A52-12	.25
R3	Control, 10K	15C1-23	.75
T1	Transformer, beta test	28B52	6.00
T2	Transformer, Gm test	28B51	7.00

FUNCTION BOARD COMPONENTS

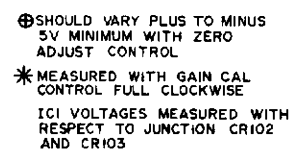
	Function board assembly	143A51	67.00
C102	Capacitor, 10uF, 15V	24G120	.25
C103	Capacitor, 500uF, 3V	24G92	.50
C104			
C105	Capacitor, 50uF, 35V	24G206	.50
C106	Capacitor, 250uF, 15V	24G111	.50
CR101, 111, 113	Rectifier, 1A, 400PIV	16S10	.50
CR102, 103	Diode, zener 12V, 10%	50C4-3	.50
CR104, 105	Diode, 1N34A	50C3-1	.25
CR106, 107			
108, 109, 110			
112, 115, 116, 117	Diode, 1N4148	50C5-2	.25
CR114	Diode, zener, 6.2V, 5%	50C2-1	.50
IC1	OP AMP "741"	69A1	1.50
R101, 102			
108	Resistor, 40 ohm 1/2W, 1%	14C29-4001	.75
R104	Control, 25K Vert., PC	15C7-12	.50
R106, 120	Control, 100 ohm, Vert., PC	15C7-9	.50
R107	Resistor, 3.8 ohm, 1/2W, 1%	14C29-3800	.75
R112	Resistor, 150 ohm, 5W, 10%	14B49-9	.25
R114, 115	Resistor, 180 ohm, 1/2W, 5%	14C4-181	.25
R116	Resistor, 100 ohm, 1/2W, 1%	14C29-1002	.75
R118	Resistor, 250 ohm, 5W, 10%	14B49-11	.25
R122	Resistor, 7.5 ohm, 1/2W, 5%	14C5-75	.25
TR101, 102	Transistor, 2N5172	19A4-1	.50

TYPE SELECTOR BOARD COMPONENTS

	Type selector board assembly	143A50	28.00
R201, 206	Resistor, 40 ohm, 1/2W, 1%	14C29-4001	.75
R202, 207	Resistor, 8 ohm, 1/2W, 1%	14C29-8000	.75
R203, 208	Resistor, 2.1 ohm, 1/2W, 1%	14C29-2100	.75
R204, 209	Resistor, .67 ohm, 1/2W, 1%	14C29-670	.75

Escutcheon	8A73	1.50
Knob .713 O.D.	21A40	1.50
Line Cord	27G12	1.25
Cable assembly BD to BD	39G48	4.00
Cable assembly Cal pot to BD	39G49	1.75
Cable assembly Zero pot to BD	39G50	3.50
Test lead assembly	39G51	6.00
Case complete	110C278	21.50

Prices in effect at date of printing and are subject to change without notice. When ordering parts, please specify model number, part number, and description. Minimum billing \$2.00.



- NOTES:**
1. SWIOIA - ON OFF
 2. SWIOIB - NEGATIVE
 3. SWIOIC - POSITIVE
 4. SWOID - IN CIRCUIT
 5. SWOIE - OUT CIRCUIT
 6. SWOIF - GAIN
 7. SWOIG - LEAKAGE
 8. SWOIH - IDSS

NOTES:

1. SW201A - RF IF
2. SW201B - LO POWER
3. SW201C - MED POWER
4. SW201D - HI POWER
5. SW201E - GATE 1
6. SW201F - GATE 2
7. SW201G - NORM
8. SW201H - ENHANCEMENT