

Sencore Industrial Component Testing System



Dynamically and Accurately Test Capacitors, Inductors, and Power Semiconductors Including IGBTs and SCRs.

Features

- Pinpoints bad capacitors and inductors in-circuit
- The only tester on the market that dynamically analyzes capacitors out of circuit for all four failures:
 1. Value from 1pF to 20F
 2. Equivalent series resistance (ESR)
 3. Leakage up to 1000V
 4. Dielectric absorption (DA)
- Test IGBTs, Triacs, SCRs, Diodes, FETs, and Bipolar transistors at full voltage
- Automatically applies the proper gate/base signal to turn-on three leaded power components
- Leakage test up to 1000V to locate high voltage shorts missed by other testers
- Tests surface mount components in-circuit with the AP291 adjustable test probe
- Dynamically analyze inductors with exclusive patented tests for:
 1. Value to 0.1uH to H
 2. Opens and shorts
 3. Shorted turns with the patented ringer test



Call 1-800- SENCORE
(736-2673)

LC103 & STA260 Key Specification

In-Circuit Tests

Dynamic in-circuit tests to determine whether the component is good or bad.

INDUCTOR RANGE: 3.18uH to 3.18H

CAPACITOR RANGE: 0.002uF to 20,000uF

Capacitor Value

RANGE: 1pF to 20F

ACCURACY: ± 1%; ± 1Pf; ± 1 digit for values to 1990uF;

±5%, ±0.1% of range scale for values from 2000uF to 20F

Equivalent Series

ACCURACY: ±5%, ±1 digit

Resistance (ESR)

CAPACITOR RANGE: 0.01uF to 20F

Dielectric

ACCURACY: ±5%, ±1 count

Absorption

CAPACITANCE RANGE: 0.01uF to 20F

Leakage Voltage

ACCURACY: ±5%, ± 1 digit

APPLIED VOLTAGE: 1.0 to 1000 volts

Inductor Value

RANGE: 0.1uH to 20H

ACCURACY: ±2%, ± 1 digit ,±0.1uH

Inductor Ringing

ACCURACY: ±1 count on readings from 8 to 13 rings

INDUCTOR RANGE: 10uH or larger, non-iron core

General

AC POWER: 105 to 130 VAC, 60Hz

SIZE (HWD): 6" x 9" x 11.5"

WEIGHT: 7.6 lbs with battery

**LC103 & STA260
Power Component Analyzer**



Supplied Accessories

- 39G219 Out-of-Circuit Test Leads
- 64G37 Test Lead Mounting Clip
- AP291 Adjustable In-Circuit Probe
- PA251 110 VAC Power Adapter
- STA260 Power Semiconductor Test Acces.

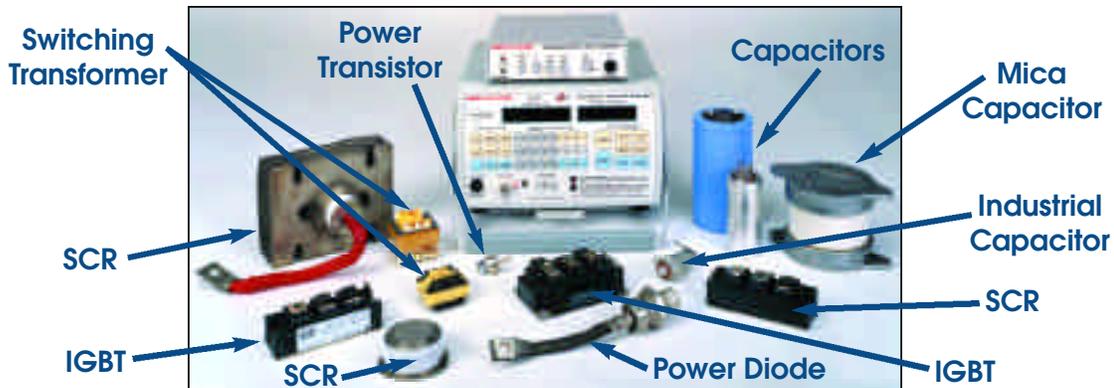
Optional Accessories

- 39G144 Test Lead Adapter
- BY289 Rechargeable 12V Battery
- CC254 Carrying Case
- PA252 220 VAC Power Adapter
- CH255 Component Holder
- CH256 Chip Component Holder

Sencore's After the Sale Support

- 30 Day Money Back Guarantee
- Toll Free Support 1-800-736-2673
- Made Right Guarantee
- Flexible Investment Options

Use The LC103/STA260 to Test These Industrial Components & Many More . . .



Call 1-800-SENCORE

(Outside the US) 605-339-0100

Visit our website at www.sencore.com

e-mail: sencore@sencore.com