



GLOBAL SPECIALTIES

INSTRUMENTS



▶ The New Model 3100 is a 4 digit dual-range 5000 count auto ranging LCD meter with full pushbutton operation. This instrument is ideal for sorting capacitors and in-circuit component measuring. Individual measuring ranges are not necessary because of the auto ranging function. The model 3100 features 10 special functions; static recording, data hold, relative setting, auto power off, display auto power off, display annunciation, tolerance mode, audible alert mode, set mode and communication function, and optional RS-232 serial port.

Model 3100

Capacitance Sorting Hand Held Meter



Model 3100

- ▶ Large 4 digit LCD display
- ▶ Dual display mode one 4 digit and the other 3 digit
- ▶ Auto-ranging, 5000 count resolution and wide frequency range: 0.1pF to 50mF
- ▶ Ten memories for high/low limit settings even if power is shut off.
- ▶ Static recording so you will know max, average and min value without calculation
- ▶ Relative mode for simple measuring differences between standard and measuring values.
- ▶ 10 special function modes
- ▶ Measures components in-circuit
- ▶ Optional RS232 computer interface and leather carrying case

Model 3100

Capacitance Sorting Hand Held Meter

Specifications

Display

- Dual display, primary display is a 4 digits with maximum reading of 5,000
Second display is 3 digits for tolerance display
- Automatic polarity indication for relative function

Function

- Full auto-range capacitance measuring, from 500pF to 50mF

Measuring Rate

- 4 times per second for ranges 500pF to 5000nF
- 1 times per second for ranges 50 μ F to 5000 μ F
- 0.1 times per second for range 50mF

Low Battery Indicator

The "  " appears when the battery voltage drops below 7.0 + 0.7V (approx.)

Operating Temperature

0°C to 50°C, 0 - 80% R.H

Storage Temperature

-20°C to 60°C, 0 - 80% R.H. with BATTERY REMOVED

Temperature Coefficient

0.15 x (specified accuracy)/ °C (from 0°C to 18°C or 28°C to 50°C)

Power Supply

Single standard NEDA1604, JIS006P, IEC6F22 carbon-zinc or alkaline type 9V battery

Dimension

1 3/4" (H) x 3 1/2" (W) x 7 1/2" (L)

Weight

0.8 lbs with standard accessories

Standard Accessories

Test leads (a pair), manual, 9V battery

Optional Accessories

RS232C package, leather carrying case

Ordering Information

Model 3100
P/N 105-3100

DISTRIBUTED BY:



GLOBAL SPECIALTIES
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