GLOBAL SPECIALTIES
INSTRUMENTS

BUILT TO LAST
3-year warranty
Reliability • Durability • Long Life

The Model 3200 is a microprocessor-controlled, 10,000-count Bench type L/C/R meter which is ideal for measuring functions of inductance, capacitance and resistance.

Extremely simple to operate, the instrument not only takes absolute parallel mode measurements, but is also capable of series mode measurement. The meter provides direct and accurate measurements of inductors, capacitors and resistors with dual testing frequencies of 120Hz and 1KHz. It is selectable for auto and manual ranging.

Front panel pushbuttons maximize the convenience of function and feature selection such as data hold; maximum, minimum and average record mode; relative mode; tolerance sorting mode; frequency and L/C/R selection. A tilt stand provides position flexibility for viewing and operating the meter. Line voltages AC 100/120/220/240V and 50/60Hz are available.

Model 3200
Dual Display Bench LCR Meter



Model 3200

- Microprocessor controlled
- Large back-lit dual display
- Auto-ranging or manual ranging
- Specially designed front panel with touch activated switches
- Special front panel selection of Data Hold, Max/Min, Average Record Mode, Relative Mode, Tolerance Sorting, Frequency and L/C/R modes
- 2 wire or 4 wire mode selection and LED indicator
- 6 special indicator characters on large display
- Special Parallel/Series mode
- Power On/Off switch
- Flexible positional tilt stand

Model 3200
Dual Display Bench LCR Meter
Specifications

Parameters Measured: L/C/R/D/Q

Circuit Mode

i) **Parallel Mode:** Capacitance and Resistance (default)
ii) **Series Mode:** Inductance (default)

Displays

L/C/R: Max display 9999 except 10mF(120Hz), 1mF(1KHz)
D/Q: Max Display 999
Measurement Terminals: 4 terminals
Ranging Mode: Auto & Manual
Test Frequency: 1KHz & 120Hz
Freq. Accuracy: ± 0.01% (Measurement Rate: 1 sec/1 component)
Test Signal Level: 0.9 Vrms approx.
Response Time: Approx. 1 second/DUT (device under test) (@ manual range)
Temperature Coefficient: 0.15 x (Specified Accuracy) /°C (0°C-18°C or 28°C-40°C)
Operation Temperature: 0°C to 40°C; 0-70% R.H.
Storage Temperature: -20°C to +50°C; 0-80% R.H.
Power Requirements: AC 100/120/220/240V 50/60Hz
Power Consumption: 6W max.
Protective Fuse: 0.1A/250V Fuse (input protective)
125mA/250V Fuse (Line voltage 100/120V protective)
63mA/250V Fuse (Line voltage 220/240V protective)
Dimensions: 10 1/4" (W) x 7 1/2" (D) x 5" (H) (with stand)
Weight: 3.5 lbs

Accessories

Standard Accessories:
1. Test alligator clips (2 pair) 2. Power cord 3. User's manual

DISTRIBUTED BY:

Ordering Information

Model 3200
P/N 105-3200

1486 Highland Ave., Unit 2,
Cheshire, CT 06410

TEL: (800) 572-1028
FAX (203) 272-4330

www.globalspecialties.com

4/01 ©2001 Interplex Electronics

• Specifications subject to change without notice.

GLOBAL SPECIALTIES
INSTRUMENTS

www.globalspecialties.com