XITRON By VITREK

XT560B Digital Milliohmmeter

The XT560B Digital Milliohmmeter is ideal for reliable, accurate, low-resistance measurements using the standard 4-wire Kelvin technique.

The XT560B Digital Milliohmmeter is a dedicated, fully automatic instrument that selects the optimal test current, from 100nA to 100mA DC to accurately measure resistances from 10μΩ to 33MΩ. The XT560B will auto range between 9 ranges, or can be manually set to a fixed range. The XT560B includes a set of Kelvin test clip leads for making four-terminal measurements. The XT560B is ideal for measuring wiring or cable resistances, windings of motors or generators, lamp filaments, cable splices, wire-to-terminal resistances, heating elements, contact resistance of breakers or switches, connector quality/resistance, fuse resistances, transformers, and grounding connections.

- > Maximum Display of 33000
- > Wide Measurement Range: From 10μΩ resolution to 30MΩ full scale
- > High Accuracy ±0.02% (most ranges)
- > Auto/Manual Function
- > RS-232 Interface Standard
- > Measurement Speed 10 samples/sec.
- > HOLD, REL Function
- > Physical Power input: 90VAC to 260VAC, 50/60 Hz
- > Size: 8.9cm x 24.7cm x 28.0cm (HxWxD)
- > Weight: 2.27 kg (5.0lbs) Operating range: 0°C to 50°C, <80% RH non-condensing
- > Storage range: -20°C to 70°C non condensing
- > Unit is supplied with one set of Kelvin test leads for 4-terminal measurements
- > Warranty: One year

Quality and Reliability

Vitrek, founded in 1990, is the premier source of precision power testing and measuring equipment for industrial and consumer product development and manufacturing. Vitrek's sophisticated technology provides companies the edge in design verification and product manufacturability.

INDUSTRIES SERVED

- Automated Production Testing • Engineering Labs • General R&D • HVAC
- Motor Manufacturers • Instrument Maintenance & Repair
- Product Compliance Testing • Test Labs

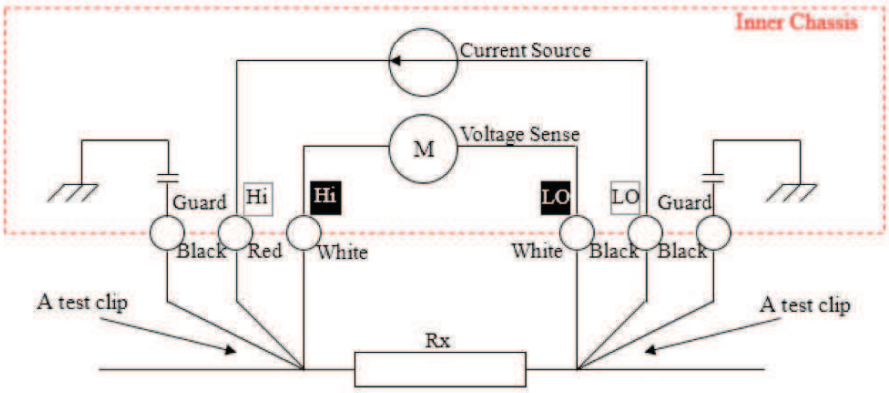
25 Years Industry EXPERTISE

XT560B
Digital Milliohmmeter

Test Like You
MEAN IT

Four-Wire Measurement

The XT560B makes 4-wire resistance measurements as shown in the figure below. The source HI and LO leads apply a known, internal current source to the unknown resistance. The sense HI and LO leads measure the voltage across the unknown resistance.



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XT560B	Digital Milliohmmeter
CA-560	Kelvin Test Leads, 18in
CA-560-48	Kelvin Test Leads, 48in

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*Please visit **www.vitrek.com** for ordering information.*

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ACCREDITED
Calibration Laboratory
Cert # 3678.01