Model 1051WR
WINDING RESISTANCE OHMMETER

WINDING RESISTANCE MEASURMENTS ARE IMPORTANT:

One of the most important tests that can be made to determine the condition of a transformer, is to measure its winding resistance(s). Many defects or faults can be identified by this test including overheated or damaged windings, loose mechanical connections, poorly welded bonds, and issues associated with tap-changing mechanisms. The Model 1051WR has been designed to quickly perform winding resistance measurements with a very high degree of accuracy. Nine ranges of output current provide for a very broad resistance measurement capability.

FEATURES

- Six-inch Color Touch-screen LCD
- Broad resistance measurement capability
- Temperature compensated measurements
- On board micro-printer and USB interface
- Dual RS485 communication interfaces
- Audible discharge alarm
- Transformer demagnetization function
- Nine ranges of output current

SPECIFICATIONS

Measurement Range: 0 to 20kΩ

Minimum Resolution: 0.01μΩ

Selectable output current: 20mA, 100mA, 200mA, 1A, 2A, 5A, 10A, 20A, 50A, and Automatic Output

Accuracy: 0.2% of reading, ±0.1μΩ

Communications: USB, Dual RS485

Internal Memory: Stores up to 99 data records

Input Power: 120VAC ±10% 60Hz ±1Hz

Operating Environment:
-4°F to 104°F @ ≤80%RH non-condensing

Dimensions: L 16.5"x W 12.6" x H 7.9"

Weight: 32.6lbs

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ORDERING INFORMATION

Amblyonix Model 1051WR Winding Resistance Ohmmeter, supplied with manual, test cables, power cord, two 10A fuses, printer paper, certificate of conformance, packing list, and warranty card.

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