

DON'T JUST TROUBLESHOOT. Instead, profile your transformers with the Model 1053WR. Winding resistance measurements are often considered to be the best tests that can be performed to diagnose a broad range of transformer defects. Used in a manufacturing/production environment, the Model 1053WR quickly identifies loose, or improperly welded connections, missing wire strands in crimped connections, or mis-identified phase relationships. It is ideally suited for commissioning, and periodic maintenance testing, of transformers in the field. This instrument will quickly locate shorted, open, or overheated windings, and problems associated with tap-changing mechanisms.

Model 1053WR

WINDING RESISTANCE OHMMETER

FEATURES

- Six-inch color touch screen LCD
- Broad resistance measurement capability (0 Ω to 20k Ω)
- Temperature compensated measurements
- On-board micro-printer and USB interface
- Dual RS485 communication interfaces
- Automatic simultaneous six-winding measurements
- Selectable manual and automatic test profiles
- Single and three-phase measurement connections
- Continuous and instantaneously rated output
- Fixed and automatic current output from 20mA to 50A

SPECIFICATIONS

- Measurement Range:** 0 to 20k Ω
- Minimum Resolution:** 0.01 $\mu\Omega$
- Selectable output current:** 20mA, 100mA, 200mA, 1A, 2A, 5A, 10A, 20A, 50A, and Automatic Output
- Accuracy:** 0.2% of reading, $\pm 0.1\mu\Omega$
- Communications:** USB, Dual RS485
- Internal Memory:** Stores up to 99 data records
- Input Power:** 120VAC $\pm 10\%$ 60Hz $\pm 1\text{Hz}$
- Operating Environment:**
 - 4 °F to 104 °F @ $\leq 80\%$ 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 1053WR 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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