

Winding Resistance Meter 15 Amp



Battery and Mains operated

Demagnetisation and Discharge Circuit

Color touch screen



Winding Resistance Meter 15 Amp

WR14

Features

- Charges inductive loads up to 1500 Henry
- 2 independent measuring channels
- Heavy-duty protection circuitry
- Simple touch screen operation
- Data exchange with USB-Key
- 2 Temperature channel
- High power DC Supply (15A/30V)
- Fast Discharge unit
- Discharge Indicator – visible and audible indicator for discharge status
- Demagnetizing Circuit** (world unique)
- Emergency stop push button immediately turns off power and starts discharging
- Internal Printer
- Battery operated**
- Data Storage of up to 10000 measurements
- Mounted in rugged case for field-testing
- Fully automatic cooling curve analysis (option AHRT 01)



Measurement Parameters

Current Range	Measuring Range	Accuracy	Resolution
10 - 15 A	0.0 µΩ ... 1 Ω	± 0.1% Rdg ± 0.1 µΩ	5 Digits or 0.05 µΩ
5 - 10 A	0.0 µΩ ... 3 Ω	± 0.1% Rdg ± 0.2 µΩ	5 Digits or 0.1 µΩ
1 - 5 A	0.0 µΩ ... 15 Ω	± 0.1% Rdg ± 0.5 µΩ	5 Digits or 0.5 µΩ
0.5 - 1 A	0.0 µΩ ... 30 Ω	± 0.1% Rdg ± 2 µΩ	5 Digits or 1 µΩ
0.1 - 0.5 A	0.0 µΩ ... 300 Ω	± 0.1% Rdg ± 5 µΩ	5 Digits or 2 µΩ
25 m - 0.1 A	0.0 µΩ ... 1200 Ω	± 0.1% Rdg ± 20 µΩ	5 Digits or 10 µΩ
< 25 mA	1.2 kΩ ... 10 kΩ	± 0.1% Rdg ± 100 mΩ	4 Digits or 100 mΩ
< 25 mA	10 kΩ ... 100 kΩ	± 0.5% Rdg ± 10 Ω	4 Digits or 10 Ω
Resistance Range	0.00 µΩ to 100 kΩ		
Temperature	Operating -10 °C to 60 °C, Storage -20 °C to 70 °C		

Specifications

Model	WR14
Size	L: 470 mm (18.5") W: 357 mm (14.1") H: 176 mm (6.9")
Weight	9.4 kg (20.6 lbs.)
Input Power	88-264 VAC 47 ... 63 Hz, or 12V DC (charging only)
Output Voltage	0 to 30V DC
Test Current	User Selectable 15 A ... 25 mA
Panel Display	Colour LCD with back lighting and touch screen
Front Panel	Sealed anodized
Interface	2 USB 1.1 (1 host/1 device) and 9 Pin RS232 serial
Memory Storage	Stores up to 10 000 complete test results
Battery operation	200 single measurements at 15 A

Accessories

- Current and potential lead set 5 meters, instruction manual, jumper cable 5 m
- Software for data download

Options

WRO 201	10 m cable set
TP 01	External temperature probe
TP 02	Complete Set of 2 external temperature probe
AHRT 01	«Heat run test» Software