

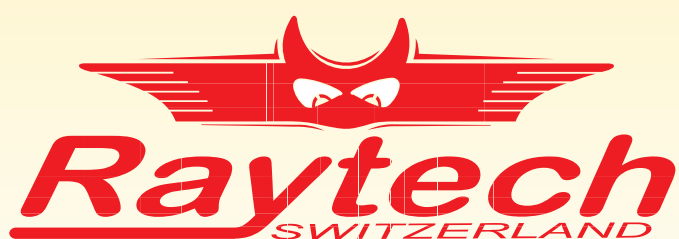
# Winding Resistance Meter 15 Amp

WR14

Battery and Mains operated

Demagnetisation and Discharge Circuit

Color touch screen



CT-Series

M-Series

TR-Series

WR-Series

# 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 $\mu\Omega$ ... 1 $\Omega$	$\pm 0.1\%$ Rdg $\pm 0.1 \mu\Omega$	5 Digits or 0.05 $\mu\Omega$
5 - 10 A	0.0 $\mu\Omega$ ... 3 $\Omega$	$\pm 0.1\%$ Rdg $\pm 0.2 \mu\Omega$	5 Digits or 0.1 $\mu\Omega$
1 - 5 A	0.0 $\mu\Omega$ ... 15 $\Omega$	$\pm 0.1\%$ Rdg $\pm 0.5 \mu\Omega$	5 Digits or 0.5 $\mu\Omega$
0.5 - 1 A	0.0 $\mu\Omega$ ... 30 $\Omega$	$\pm 0.1\%$ Rdg $\pm 2 \mu\Omega$	5 Digits or 1 $\mu\Omega$
0.1 - 0.5 A	0.0 $\mu\Omega$ ... 300 $\Omega$	$\pm 0.1\%$ Rdg $\pm 5 \mu\Omega$	5 Digits or 2 $\mu\Omega$
25 m - 0.1 A	0.0 $\mu\Omega$ ... 1200 $\Omega$	$\pm 0.1\%$ Rdg $\pm 20 \mu\Omega$	5 Digits or 10 $\mu\Omega$
< 25 mA	1.2 k $\Omega$ ... 10 k $\Omega$	$\pm 0.1\%$ Rdg $\pm 100 \text{ m}\Omega$	4 Digits or 100 m $\Omega$
< 25 mA	10 k $\Omega$ ... 100 k $\Omega$	$\pm 0.5\%$ Rdg $\pm 10 \Omega$	4 Digits or 10 $\Omega$
Resistance Range	0.00 $\mu\Omega$ to 100 k $\Omega$		
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 15A ... 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

WRO201	10 m cable set
TP 01	External temperature probe
TP 02	Complete Set of 2 external temperature probe
AHRT01	«Heat run test» Software