



WR14 (15A)
For Winding
Resistance
measurements

Battery and mains operated. Heavy duty protection circuitry. Color touch screen. 2 independent measuring and temperature channels. Internal printer. Fast discharge unit. Internal «Heat run test» software available. USB interfaces. Mounted in rugged case. Fully automatic demagnetizing circuit.

Resistance range	0.00 $\mu\Omega$ to 100 k Ω
Accuracy	$\pm 0.1\%$ Rdg
Resolution	5 Digits or 0.05 $\mu\Omega$
Current range	25 mA ... 15 A
Inductance range	up to 1500 Henry
Operating range	-10°C to 60°C
Input power	88 to 264 VAC, 47... 63 Hz 12 V DC charging



Measurement Parameters

Current Range	Measuring Range	Accuracy	Resolution
10 – 15 A	0.00 $\mu\Omega$... 1 Ω	$\pm 0.1\%$ Rdg ± 0.1 $\mu\Omega$	5 Digits or 0.05 $\mu\Omega$
5 – 10 A	0.0 $\mu\Omega$... 3 Ω	$\pm 0.1\%$ Rdg ± 0.2 $\mu\Omega$	5 Digits or 0.1 $\mu\Omega$
1 – 5 A	0.0000 m Ω ... 15 Ω	$\pm 0.1\%$ Rdg ± 0.5 $\mu\Omega$	5 Digits or 0.5 $\mu\Omega$
0.5 – 1 A	0.000 m Ω ... 30 Ω	$\pm 0.1\%$ Rdg ± 2 $\mu\Omega$	5 Digits or 1 $\mu\Omega$
0.1 – 0.5 A	0.000 m Ω ... 300 Ω	$\pm 0.1\%$ Rdg ± 5 $\mu\Omega$	5 Digits or 2 $\mu\Omega$
25 – 100 mA	0.00 m Ω ... 1200 Ω	$\pm 0.1\%$ Rdg ± 20 $\mu\Omega$	5 Digits or 10 $\mu\Omega$
– 25 mA	1.2 k Ω ... 10 k Ω	$\pm 0.1\%$ Rdg ± 100 m Ω	5 Digits or 200 m Ω
– 25 mA	10 k Ω ... 100 k Ω	$\pm 0.5\%$ Rdg ± 10 Ω	4 Digits or 20 Ω

Accessories

- Current and potential lead set 5 meters
- Jumper cable 5 meters
- Instruction manual
- T-Base Pro software for data exchange and analysis

Specifications

Model with 2 channels

WR14 and
WR14R (rackmount version)

Size (field case)

L: 470 mm (18.5")
W: 357 mm (14.1")
H: 176 mm (6.9")

Weight

9.4 kg (20.6 lbs.)

Interface

USB 2.0 full speed (1 host, 1 device) and
9 Pin RS232 serial

Memory Storage

Stores up to 10 000 complete test results

Panel Display

5.7" Color LCD with LED back lighting
and touch screen

Front Panel

Sealed, Anodized

Options

- WRO 402
10 meters cable set
- TP 01
External temperature probe
- AHRT 01
«Heat run test» software
- WRO 202
DC car adapter



Raytech GmbH

Oberebenenstrasse 11

CH-5620 Bremgarten

www.raytech.ch

Phone +41 56 648 60 10

Fax +41 56 648 60 11

welcome@raytech.ch

Specifications are subject to change without notice.

