



# Winding Resistance Meter

## SPECIFICATIONS:

<b>MODEL:</b>	<b>WR14</b>
<b>SIZE:</b>	L: 470mm (18.5") W: 357mm (14.1") H: 176mm (6.9")
<b>WEIGHT:</b>	9.4 kg (20.6 lbs.)
<b>INPUT LINE POWER:</b>	88-264 VAC 47, 63 Hz, auto ranging, charging and measuring
<b>OUTPUT VOLTAGE:</b>	0 to 30V DC
<b>TEST CURRENT:</b>	5mA ... 15 Ampere
<b>PANEL DISPLAY:</b>	Color LCD with back lighting and touch screen
<b>FRONT PANEL:</b>	Sealed anodized
<b>INTERFACE:</b>	9 Pin RS232 Serial / 2 USB 1.1 (1 host, 1 device)
<b>MEMORY STORAGE:</b>	Stores up to 10,000 complete test results
<b>RESISTANCE RANGE:</b>	0.05 $\mu\Omega$ to 100 k $\Omega$
<b>BATTERY OPERATION:</b>	200 single measurements at 15A
<b>OPERATING TEMPERATURE</b>	-10° C to 60° C
<b>STORAGE TEMPERATURE</b>	-20° C to 70° C



Current Range	Measuring Range	Accuracy	Resolution
10 - 15A	0.0 $\mu\Omega$ ... 1 $\Omega$	$\pm 0.1$ % Rdg $\pm 0.1$ $\mu\Omega$	5 Digits or 0.05 $\mu\Omega$
5 - 10A	0.0 $\mu\Omega$ ... 3 $\Omega$	$\pm 0.1$ % Rdg $\pm 0.2$ $\mu\Omega$	5 Digits or 0.1 $\mu\Omega$
1 - 5A	0.0 $\mu\Omega$ ... 15 $\Omega$	$\pm 0.1$ % Rdg $\pm 0.5$ $\mu\Omega$	5 Digits or 0.5 $\mu\Omega$
0.5 - 1A	0.0 $\mu\Omega$ ... 30 $\Omega$	$\pm 0.1$ % Rdg $\pm 2$ $\mu\Omega$	5 Digits or 1 $\mu\Omega$
0.1 - 0.5A	0.0 $\mu\Omega$ ... 300 $\Omega$	$\pm 0.1$ % Rdg $\pm 5$ $\mu\Omega$	5 Digits or 2 $\mu\Omega$
25m - 0.1A	0.0 $\mu\Omega$ ... 1200 $\Omega$	$\pm 0.1$ % Rdg $\pm 20$ $\mu\Omega$	5 Digits or 10 $\mu\Omega$
< 25mA	1.2k $\Omega$ ... 10 k $\Omega$	$\pm 0.1$ % Rdg $\pm 100$ m $\Omega$	5 Digits or 100 m $\Omega$
< 25mA	10k $\Omega$ ... 100 k $\Omega$	$\pm 0.5$ % Rdg $\pm 10$ $\Omega$	5 Digits or 10 $\Omega$

## FEATURES: STANDARD ITEMS

- 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 inputs
- High power DC Supply (15A/30V)
- DC Current adjustable for resistance values from 0.05  $\mu\Omega$  to 100 k $\Omega$
- Fast Discharge unit
- Discharge Indicator – visible and audible indicator for discharge status
- Demagnetizing Circuit (world unique)
- Warning device output to show “transformer under test”
- Emergency stop push button immediately turns off power and starts discharging
- Internal Printer
- Battery operated
- Data Storage of up to 10,000 measurements
- Mounted in rugged case for field-testing.
- 5 Year standard warranty\*

## CABLE SET / ACCESSORIES:

- Current and potential lead set 5 m
- Jumper cable
- Instruction manual
- Cable bag

## OPTIONAL ITEMS:

- Part No - TP 01– External Temperature probe (maximum 2)
- Part No - AHRT 01– Heat Run Test
- Part No - WRO 402– 10m Cable set

Specifications are subject to improvement at any time.

NOW BATTERY POWERED