**WR50–1A**

**Specifications:**

**Model:** WR50-1A — Single Channel Winding Resistance Meter

**Size:** L: 20.5" (521mm) W: 17" (432mm) H: 8.5" (216mm)

**Weight:** 37 lbs. (16.8 kg)

**Input Power:** 100 to 250 VAC (1.5kW max.), 50/60 Hz, Autoranging

**Test Voltage:** 0 to 50V DC

**Test Current:** User Selectable: 50, 40, 30, 25, 20, 10, 5 A DC

**Front Panel:** Sealed, Anodized

**Memory Storage:** Stores up to 2,000 measurement results

**Resistance Range:** 0.1 µΩ to 100 Ω

**Inductance Range:** 0 Henry to 1500 Henry

**Temperature:** Operating: -10° C to 60° C Storage: -20° C to 70° C

### Current Range | Measuring Range | Accuracy | Resolution
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50 Amp | 0.1 µΩ... 0.6Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
40 Amp | 0.1 µΩ... 0.9Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
30 Amp | 0.1 µΩ... 1.6Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
25 Amp | 0.1 µΩ... 2Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
20 Amp | 0.1 µΩ... 2.5Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
10 Amp | 0.1 µΩ... 5Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 0.1 µΩ
5 Amp | 1 µΩ... 100Ω | ±0.1% Rdg ±2 LSD | 5 Digits or 1 µΩ

**Features:**

- Simple push and turn button operation from Micro Junior
- Charges inductive loads up to 1500 Henry
- Heavy duty protection circuitry
- Fully remote operation and control with an external PC
- 3 Temperature input channels
- High power DC Supply (50A/50V)
- DC Current adjustable for resistance from 0.1 µΩ to 100 Ω
- Data transfer to external (or Micro Junior 2) printer at selectable intervals
- Fastest discharge unit on the market
- Visible and audible indicator for discharge status
- Emergency discharge activates from emergency stop button or system power failure
- Data storage of up to 2000 measurements
- Mounted in rugged case for field testing
- 5 year standard warranty

**Standard Items:**

- 10 meter current leads (positive and negative)
- 10 meter potential leads (positive and negative)
- 10 meter safety ground
- 10 meter control cable for Micro Junior
- 7.5 meter power cord
- Cable bag
- Instruction manual
- Certificate of Accuracy

**Optional Items:**

- Temperature Probe (TP-01)
- 10 Meter Cable Extension (WRO-101)
- Heat-Run Software (AHRT-01)
- Annual Warranty Extension

Specifications subject to improvement at any time • Raytech USA • 90C Randall Avenue • Woodlyn, PA 19094 • Toll Free: 888 484 3779 • sales@raytechusa.com www.raytechusa.com