

# LRTS10

Low Resistance Test Set



The LRTS10 is the industry's first 10 A low resistance test set powered by Milwaukee® M18™. This digital micro-ohmmeter gives you the flexibility to swap batteries and keep working.



## BATTERY-POWERED TESTING THAT'S INTERCHANGEABLE & UNSTOPPABLE

Battery-powered testing isn't new. A truly interchangeable battery system is. The LRTS10 works with all Milwaukee® M18™ batteries, allowing you to swap batteries in seconds and keep testing without waiting for an internal battery to charge.

The LRTS10 includes one Milwaukee® M18™ battery, charger, and test leads. Everything you need to power up, charge up, and get the job done.

### NOTABLE FEATURES

- Interchangeable battery system
- Test current range up to 10 A
- Result lock option
- Test status indicators
- User friendly, lightweight, and portable
- Rugged construction



**POWERED BY**  
**M18 REDLITHIUM**



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## Specifications

- **Power Supply:** Milwaukee M18™ REDLITHIUM™ battery pack
- **User-Selectable Current Ranges:** 0.1 mA, 1 mA, 10 mA, 1 A, 10 A
- **Current Output Accuracy:**  $\pm 5\%$
- **Display:** 480 x 320 px color LCD
- **Safety Features:** Automatic test circuit discharge
- **Test Indication:** LED and optional audio alarm
- **Number of Tests:** >1100 (on Milwaukee® M18™ XC5.0 battery)
- **IP Rating:** IP67 (lid closed)
- **Dimensions:** 16.7" x 13.4" x 6.8" (424 x 340 x 173 mm)
- **Weight:** 9 lbs. (4 kg) without battery
- **Operating Temperature:** 14°F to 122°F (-10°C to 50°C)
- **Storage Temperature:** -13°F to 149°F (-25°C to 65°C)
- **Includes:** 8 ft (2.5m) Spring-loaded Kelvin Probe Test Leads, Milwaukee® M18™ XC5.0 Battery, and Charger



### Measurement range, resolution, and accuracy

| CURRENT SETTING | RANGE          | RESOLUTION | ACCURACY       |
|-----------------|----------------|------------|----------------|
| 10 A            | 0.0 to 18.0 mΩ | 1.0 μΩ     | 0.2% + 5.0 μΩ  |
| 10 A            | 0 to 250 mΩ    | 0.01 mΩ    | 0.2% + 0.05 mΩ |
| 1 A             | 0 to 180 mΩ    | 0.01 mΩ    | 0.2% + 0.05 mΩ |
| 1 A             | 0 to 2.5 Ω     | 0.1 mΩ     | 0.2% + 0.5 mΩ  |
| 100 mA          | 0 to 1.8 Ω     | 0.1 mΩ     | 0.2% + 0.5 mΩ  |
| 100 mA          | 0 to 25 Ω      | 1.0 mΩ     | 0.2% + 5.0 mΩ  |
| 10 mA           | 0 to 18 Ω      | 1.0 mΩ     | 0.2% + 5.0 mΩ  |
| 10 mA           | 0 to 250 Ω     | 0.01 Ω     | 0.2% + 0.05 Ω  |
| 1 mA            | 0 to 180 Ω     | 0.01 Ω     | 0.2% + 0.05 Ω  |
| 1 mA            | 0 to 2.5 kΩ    | 0.1 Ω      | 0.2% + 0.5 Ω   |
| 0.1 mA          | 0 to 1.8 kΩ    | 0.1 Ω      | 0.2% + 0.5 Ω   |
| 0.1 mA          | 0 to 25 kΩ     | 1 Ω        | 0.2% + 5 Ω     |



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