



# Pulse Load Multi-Battery Testers™

- ZTS, Inc. • Cincinnati, OH
- Toll-free: 888-796-2777
- Est. 1976



## MBT-1 Data Sheet

The ZTS Multi-Battery Tester™ (MBT-1) provides a comprehensive means of testing the state of charge or state of power for more than 30 battery types. This microprocessor-controlled instrument is designed for commercial or home use and tests popular primary (non-rechargeable) and rechargeable batteries using a patented, high accuracy pulse load test. After a fully automatic test cycle, percentage of remaining battery capacity is indicated on the LED bar display. Battery types are clearly labeled next to appropriate contacts. Negative test lead/probe conveniently stores in seam at side. It's easy to use (no switches or settings), and test results are easy to understand. Tests NiMH, Li-Ion, alkaline, lithium, coin cell, button type and more. *Uses 4AA batteries (not included).*

- Easy to use - no switches or settings
- Quickly and easily identifies weak or failing batteries
- Fully automatic - high accuracy Pulse Load test
- Ideal for battery management and cell matching
- Made in U.S.A. Patent 6,823,274

### Pulse Load Technology

Battery performance is very important in today's electronic devices. This tester provides a fully automatic pulse load test to determine state of charge (SOC) or state of power. The pulse load test simulates real power demand and measures battery performance, not just voltage.

#### Testing capability:

3.6v Li-Ion rechargeable [RCR123A, 18500, 17650, 18650]  
1.5v button cell [S76, A76, A625, A640]  
1.2v NiMH/NiCd rechargeable [AA, AAA, C, D]  
1.5v lithium [AA L91, AAA L92]  
3v lithium coin [1616, 1620, 2016, 2025, 2320, 2032, 2430, 2450, 58L 1/3N]  
6v '28' series [28A, S28, 28L]  
3v photo lithium [CR123, CR2, CRV3]  
1.5v alkaline [AA, AAA, C, D, N]  
12v alkaline [A23]  
9v alkaline, carbon zinc

**Pulse load:**  
**Display:**  
**Test Duration:**  
**Contact terminals:**  
**Dimensions:**  
**Weight:**  
**Part No.:**  
**UPC:**  
**Applications:**

Magnitude varies according to battery type  
Six LEDs - Green, yellow, and red  
2-3 seconds, varies according to battery type  
Nickel-plated brass. Positive terminals fixed. Built-in negative test lead  
8" x 4.5" x 1.25" / 20.3cm x 11.4cm x 3.2cm  
14.5 oz. / 400g (without batteries)  
MBT-1  
856777000169  
Electronics, medical, safety, security, office, scientific, wireless devices, remotes, industrial, manufacturing, government, utilities, and more