

Portable Ultracapacitor Tester



Maintenance
Solutions



BONITRON

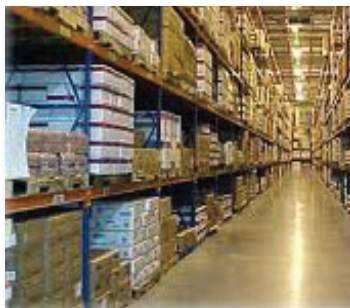
M3628UMT Series

The M3628UMT ultracapacitor tester is designed to determine the capacitance and ESR of modules up to 170V. A full test cycle delivers an adjustable constant current to charge the test capacitor to a desired voltage, holds the test voltage, then discharges at a constant current. It can also be operated solely as a voltage source or current source/sink.

Product Highlights

- Charges, discharges, measures ultracapacitor modules
- Variable output voltage: 10 - 170 V
- Digital control interface
- Operates from standard 90 - 260 VAC supply
- Tough impact and weather resistant case

Industry Applications



Assembly Lines | Centrifuges | Conveyors | Cranes | Dynamometers | Elevators | Hoists | Pick and Place | & More!



www.bonitron.com



615-244-2825

info@bonitron.com



Model Number Selection

Model Number	Input Voltage	Input Frequency	Max Output Voltage	Max Charging Current	Max Load Capacitance
M3628UMT-U07-120	90 - 130VAC	47-63Hz	170 V	7 A	2000 F
M3628UMT-U07-240	180 - 260 VAC				

Advantages

- Accurate capacitance and ESR measurement
- Overcurrent and over temperature protection
- Quick charge and discharge of ultracapacitor modules
- Portable - case on wheels

Benefits

- Measuring aging capacitors helps avoid unnecessary preemptive replacement
- Quick verification of both new and stored capacitors
- Decreases maintenance time and cost

Dimensions



Specifications

- Max Test Cycle Time**.....180 minutes
- Controls, Displays**..... 6 - Button Interactive Digital Display
- Dimensions**.....9.0”H x 22.0”W x 14.0”D
- Weight**.....33 lbs.
- Operating Temp**.....0°C to 40°C
- Storage Temp**.....-20°C to +65°C
- Humidity**.....Below 90% non-condensing
- Atmosphere**.....Free of corrosive gas and conductive dust

Scan for more information

