#4135-S

SMART MUTT® X (3rd Gen)
Mobile Universal Trailer Tester

Intelligent Diagnostics - One Technician - Faster Inspections

Built for demanding shop use, the American-made **SMART MUTT® X** enables rapid one-person trailer testing with a backlit digital display, live voltage/amperage readouts, and Pulsar short tracing. Advanced SHIELD™ diagnostics automatically detect wiring faults, test battery health, and catch failing electric brake magnets early. Paired with a 12-button remote that provides real-time, step-by-step troubleshooting, it cuts inspection time and eliminates fleet repair guesswork.

Features and Benefits

- Remote-controlled, one-man trailer tester (12 button)
- Open, cross, short, and ground circuit diagnostics (Level II)
- LCD displays current draw, faults and troubleshooting tips
- SHIELD™ diagnostics
  Proprietary background monitoring, instant fault detection, Pulsar mode, predictive brake magnet diagnostics, integrated trailer battery health and load tests, trailer circuit evaluation
- Includes free Android/IOS wireless control app (available late 2026)
- Made in USA
- 24/7 Tech Support









Integrated Battery Compartment Fits Group 14 Yuasa YTX14 or Similar Battery (Not Included)



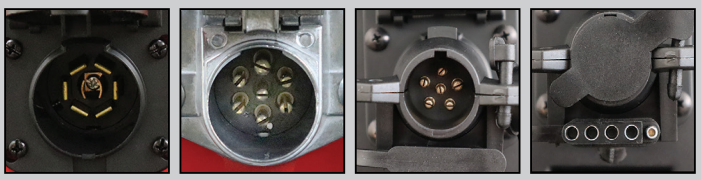
Remote-Controlled Diagnostics



Works on Five Connection Types:

7-Way Flat (J2863) Pin, 7-Way Round Pin, 6-Way Round Pin, 5 Pin, 4 Pin (6, 5, and 4 Pin Require Use of Included Adapter)

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Specifications

- Trailer Connector: 7-Way Spade J2863 Pin Socket (Composite Socket); 7-way Round J560 Socket (Cast Socket); 3-Way Trailer Adapter for 6-Way Round Pin and 4/5 Pin Flat Connectors
- Ammeter: 0-20 Amp Readout w/ 1mA Resolution
- Max Output: 20-Amps Continuous; 12VDC; 30-Amp Inrush
- Input: 9-15VDC
- LCD Screen: Backlit, Direct Sunlight Readable Dual-Line 16 Character (32-Character Total)
- Control Panel: Analog Controls, Sealed
- Construction: Powder-Coated, USA-Made Steel Enclosure
- Internal Battery Compartment: 5 7/8" x 5 ¾" x 3 3/8"
- Battery Specs: Lead Acid, 12V 7 aH or Greater Battery
- Lithium Battery Specs (L4 Variants): 7 aH
- Battery Charger (Non-Power-Tool Battery Variants): 500mA @ 12V DC Smart 3-Stage Charger
- Power-Tool Battery Adapter (D20C/18C Variants): Lithium 2 ah or Greater
- 12-Button Remote: 12 Functions, No Display
- Warranty: 3-Year, limited





3-Way Trailer Adapter



12-Button Remote Control



500mA Battery Charger



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