



General Specifications

Model Number	801M "Military Inspector"
Equipment Use	Combat readiness tester for prime movers, combat vehicles and military trailers.
Included Test Systems	Electrical (lighting), Air and Air-Brake tests for 12 and 24VDC tractor and trailer systems
Shop Cart Dimensions	20"(W) x 32"(H) x 31"(D)
800A Tester Dimensions	18.5"(W) x 16"(H) x 11"(D)
800A Tester Weight	26 lbs
Total Shipping Weight	130 lbs (assembled with power supply)
Enclosure	Durable, powder-coated aluminum (inside and outside)
Mounting Options	Both the 800A Tester and the 312 Dual Voltage Power Supply enclosure are pre-mounted to the shop cart
Operating Voltage	800A Tester - 12V or 24V DC; 801M Test System - 110V or 220V AC

Electrical System

Electrical Tests	Active fault identification with audible alarms: trailer electrical systems, ABS, 7-way Cable Test
All Circuit Test	Monitors all 6 circuits on 7-Way cable: Brake, Marker, Auxiliary, Left, Right and Tail
Direct Fault ID	Identifies OPEN, OPEN GROUND, SHORT, and CHASSIS SHORT via 7-way connection
Volt, Amperage Meters	Digitally monitors output voltage and amperage in single and multi-circuit modes both on control panel and computer monitor
Tractor Test	Identifies "over voltage" and "under voltage" conditions that occur on the tractor's 7-way circuits
Power Supply	12V or 24Volt, filtered and regulated

Air Testing Equipment

Air Tests	Remotely control Air Brakes; conduct full Air Leak tests with only the Emergency Air, or both Service and Emergency; with the Brake Pedal Actuator , remotely control tractor and trailer brakes at the same time
Air Supply	Clean, dry air at 110 to 120 psi
Delivered Service Air	Internal pressure regulator provides filtered, regulated air at 85-90psi
Delivered Emergency Air	110 psi of clean, filtered and regulator air
Air Pressure Gauges	Custom built air gauges with 2 psi increments allow air systems to be inspected for leaks in 60 seconds or less
Compounding Protection	Computer will not allow Service Air to be applied before Emergency Air is applied
Air Tank Volume	1488 cubic inches
Pressure Rating	150 psi
Filter Regulator Pres. Rating	150 psi
Filter Regulator Set Pressure	110 psi

Remote Control

Remote Functions Control Emergency and Service air, and each of the six circuits on the 7-way: Brake, Marker, Aux, Left, Right and Tail

Effective Operating Dist. 100'

Power Requirements Operates on 4 AA Batteries (included)

Tester-specific Remote Each remote is keyed to the tester it is shipped with via an internal DIMM switch allowing multiple testers in the same area.