#5700A

ALPHA MUTT® W/ ABS & TABLET

SHOP MODEL

MADE IN USA

One-Man Trailer Inspection System - Test the Trailer Without the Truck!

Integrates All Aspects of Trailer Service and Repair. Easy-to-Use, No Set-Up Required and No Monthly Fees.

Features and Benefits

Electrical Testing (12/24 Volt Operation)

- Automatic cross, open, overload, short and ground fault detection
- Highly accurate digital ammeter with 5mA resolution
- Chase down short circuits with Pulsar® Mode
- Ground failure detection: differentiates between wire and chassis ground
- Cable testing
- Detailed inspection report generated from auto-test report function in under 60 seconds

Air Brake Testing

- Tablet or remote-controlled air brake activation
- Real-time, repetitive brake activation to find developing problems and verify leaking servo cans
- Perform analog leak-down tests in service and emergency lines

ABS Testing

- Reads and clears codes on front panel or via tablet
- Accesses ECU data; manufacturer, make, model, etc.
- Displays diagnostic troubleshooting information
- Automatically detects corroded ABS wires and faulty ECU's with patent-pending technology
- No lag time when accessing ABS with IPA®'s custom diagnostic software



ABS Diagnostic Screen



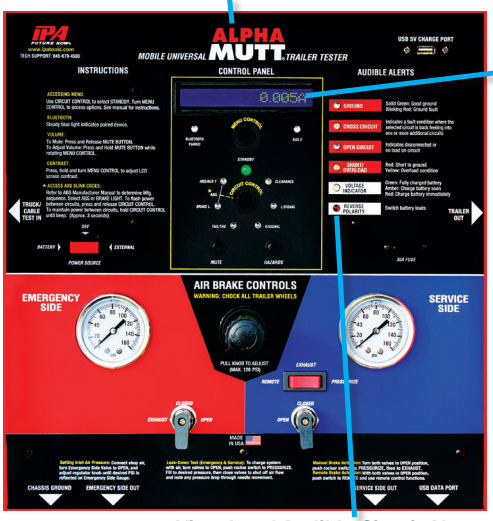
Customizable PM Inspections

Bluetooth®*

**Base Functions Work With or Without Tablet*



Sealed, Waterproof Faceplate



Single-Line, 16-Character Digital Screen

Visual and Audible Circuit Alerts



See #5702A for Model Without Tablet

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DIAGNOSTIC SOFTWARE APP

IPA®'s custom diagnostic software suite provides highly accurate inspection results for all common trailer configurations. It standardizes consistent inspections across all fleet and service center locations with one-button pass/fail inspections and printable reports. It reduces labor time, prevents mistakes and creates more detailed service records.

Capture Inspection Reports

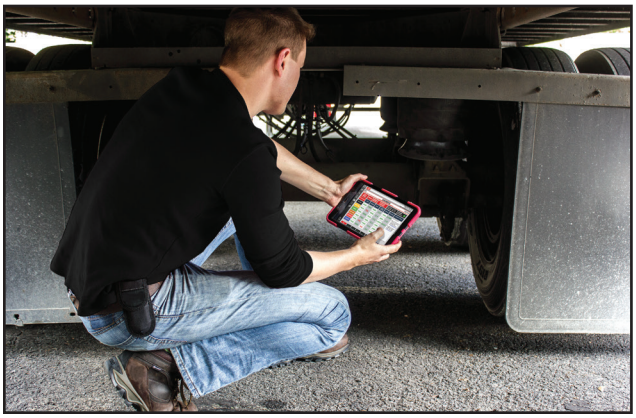
- Inspection accountability
- Customizable, password-protected user login
- Technician's username is recorded with each test
- Trailer VIN entry with each inspection maintains more accurate record keeping

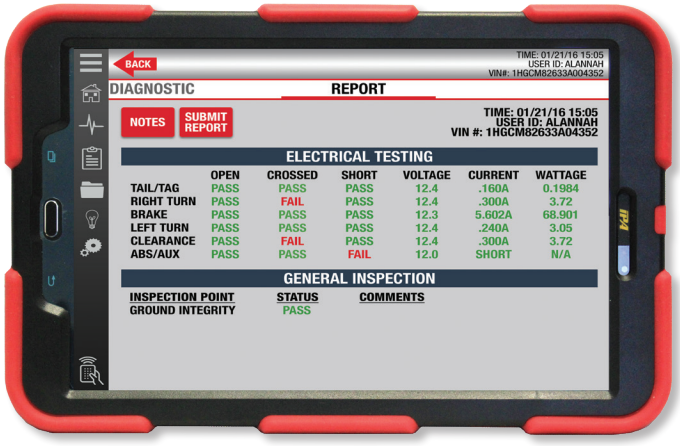
Prevents Recurring Mistakes and Provides Walk-Through Expert Guidance

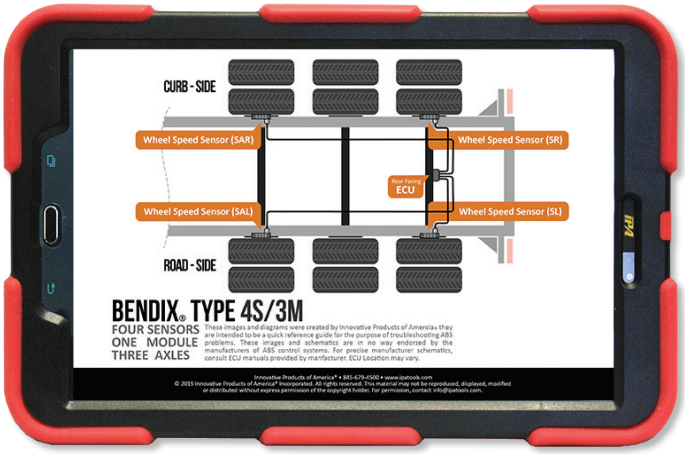
- Built-in Diagnostic Message Center analyzes inspection results in real-time, providing users with immediate feedback and troubleshooting suggestions
- Detailed pass/fail circuit conditions (ground, open, crossed and short) will alert with specific values
- Provides real-time data and control
- Records multiple data points for each circuit including wattage, voltage and current
- Reads accurate current from 0-21A @ 5mA resolution

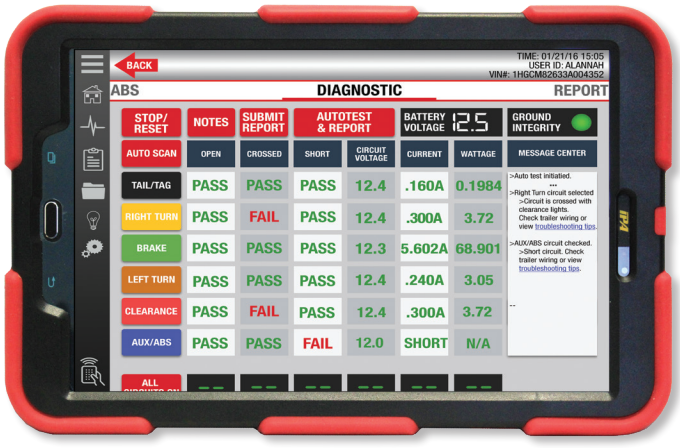
Record and Analyze Inspection Results

- Logs detailed pass/fail inspection reports
- Easily accessible report history allows technicians to analyze patterns for predictable failure points across all fleet service operations
- Upgradeable cloud-based option syncs an unlimited number of service locations with a central hub
- Email, print or export reports to PDF or XLS formats









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COMPLETE SPECIFICATIONS

Specifications:

- 7-Way Round Pin Connection Type
- 12/24V DC Power Input
- Suggested Battery
  2x Group 31 Threaded Post or Similar (Not Included)
- 20A @ 12/24V DC Source Output
- 120 psi Max. Operating Pressure

Technology:

- 10" Standard Tablet
  Android 8.0, 16GB, Micro USB 2.0, Li-Polymer Battery, 7,3000mAh
- IPA® Diagnostic Software Suite
  No Monthly Fees
- 4.0 Bluetooth®
- 2020 High-Speed Microprocessor
- 1mA Resolution
- Single-Line 16 Character Digital Screen

Mounted Equipment

- 16ga. Powder-Coated Steel Construction
- Waterproof, Sealed Faceplate
- Steel 7-Way Sockets
- Panel-Mounted Air Gages
- Panel-Mounted Regulator
  0-125 PSI
- Integrated ¼" NPT Stone Air Filter
- Integrated Steel Face Shield
  w/ Pneumatic Dampeners
- Oversized Grab/Tie-Down Handles
- Cable-Hanging Bracket
- Integrated Storage Compartment
- Integrated Battery Compartment
  w/ Steel Door and Battery Tie-Down Bar
- Integrated 12V 10A Smart Battery Charger
- Stainless Steel Hardware Pack
- Heavy-Duty 12" Pneumatic Tires
- Heavy-Duty 5" Swivel Caster Wheels
  w/ Dual-Lock Swivel/Wheel

Accessories

- (2) 12-Button Remote Controls
  433MHz Long Range, 12V 50mAh VAVTT
- 12' Gladhand Hoses with Handles
- 12' 7-Way Cable
- Bluetooth® Antenna
- 12" Bluetooth® Antenna Extension Cable
- External Battery Connector with Eyelets
- External Battery Connector with Alligator Clips
- Rain/Dust Cover
- Tablet Protective Case
- Mounted Tablet Cradle
- Tablet Micro USB and AC Chargers
- Power Cord for Internal Charger
- Battery Jumper Cables and Hardware
- Expanded Training Manual and Parts List Binder

Ports

- 12V Socket
- Two-Pin External Power Input Socket
- USB Charge Port
- USB Data Port
- OBD2 Bluetooth® Port
- 30-Amp Fuse Holder w/ Fuse

Weight and Dimensions

- Lid Closed - *23" W x 45" H x 18.5" D*
- Lid Open - *23" W x 61" H x 18.5" D*
- Battery Compartment - *14" W x 15 ½" H x 13" D*
- Shelf Space - *14" W x 11" H x 13" D*
- 85 lbs.

Warranty

- 3-Year Limited
- Free Lifetime Technical Support and Video Conference

Country of Origin

- Made in USA




(x2)
12-Button
Remote


12' Gladhand
Hoses w/ Handles


12'
7-Way Cable


Bluetooth®
Antenna


12" Bluetooth®
Antenna
Extension Cable


External
Battery Connector
with Eyelets


External Battery
Connector with
Alligator Clips


Rain
Cover

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AVAILABLE ALPHA MUTT® CONFIGURATIONS

PART #	MODEL	CONNECTION	ABS	BLUETOOTH	TABLET	REPORTING	CONSTRUCTION	MOBILITY	REMOTES	CABLES
5702A	Shop	7-Way Round	√	X	X	X	16 Gauge Powder Coated Steel	Pneumatic Wheels	1	12'
5700A	Shop	7-Way Round	√	√	√	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5700A-RT	Shop	7-Way Round	√	√	√ (Rugged)	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
M5700A	Shop	7-Way Round & 12-Pin NATO	√	√	√	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
M5700A-RT	Shop	7-Way Round & 12-Pin NATO	√	√	√ (Rugged)	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5701A	Shop	7-Way Round & 7-Way Flat	√	√	√	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5701A-RT	Shop	7-Way Round & 7-Way Flat	√	√	√ (Rugged)	√	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5602A	Service Truck	7-Way Round	√	X	X	X	16 Gauge Powder Coated Steel	Rubber Feet	1	20'
5602A-S	Service Truck	7-Way Round	√	X	X	X	16 Gauge Powder Coated Steel	Fixed Slide Out Base	1	20'
5600A-RT	Service Truck	7-Way Round	√	√	√ (Rugged)	√	16 Gauge Powder Coated Steel	Rubber Feet	1	20'
5600A-RTS	Service Truck	7-Way Round	√	√	√ (Rugged)	√	16 Gauge Powder Coated Steel	Fixed Slide Out Base	1	20'



#5700A Shop Model Shown



#5600A-RTS Service-Truck Model Shown

ALL UNITS ARE COMPLETELY CUSTOMIZABLE FOR ANY NEED. SPEAK WITH A SALES REP IF YOU WOULD LIKE TO ORDER YOUR ALPHA MUTT® WITH ENHANCED ACCESSORIES.

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