

#5611A-RT8

# ALPHA MUTT® W/ ABS, RUGGED TABLET & SLIDE-OUT BASE



**SERVICE-TRUCK MODEL**

## One-Man Trailer Inspection System that Tests a Trailer Without a Truck!

Integrate all aspects of trailer service and repair with this easy-to-use trailer tester that requires no set-up or 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 1mA resolution
- Chase down short circuits with Pulsar® Mode
- Cable testing
- Ground failure detection: differentiates between wire and chassis ground
- Control lights by remote or tablet
- 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

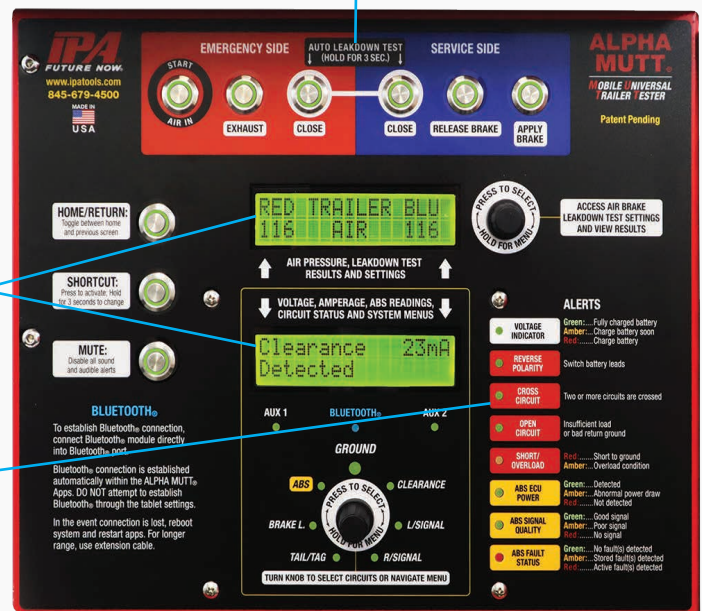
#### ABS Testing

- Reads and clears codes on front panel or via tablet
- Displays diagnostic troubleshooting information
- Accesses ECU data; manufacturer, make, model, etc.
- 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



Easy Slide Out Design

Sealed, Waterproof Face with Illuminated Stainless Steel Pushbutton Switches



Wide-Angle View LCD Screens Readable in Direct Sunlight

Visual and Audible Circuit Alerts



### Included Accessories

**Designed for Underbody and Side-Mount Tool Boxes**

- Anti-vibration feet with bolt-through design for bottom mounting to service-truck boxes
- Retractable and removable slide-out base for easy access to side components and simplified field service
- Soft-close drawer with integrated tablet docking/charging station and custom foam cutout storage for remote control and Bluetooth® antenna
- All ports accessible with steel door closed
- All stainless steel hardware and drill template included with tester for easy installation
- Space saving design: 16.5" W x 21.5" H x 19" D
- Weight: 54 lbs.



**Easily Installed into Underbody Truck Boxes**



**Control Panel and Drawer Protected by Sealed Door**

**Built for Extreme Weather Conditions**

- Waterproof and sealed face label with illuminated stainless steel pushbutton switches
- Two dual-line, 32-character, sealed LCD screens optimized for outdoor use with backlighting for nighttime, sunlight-readable for daytime, and wide-angle view
- Internal circuit board coated to protect from moisture and corrosion
- MIL-STD-810 certified, military-grade weatherproof rugged tablet with integrated stylus
- Weather-tight steel door to keep electronics and control panel safe in all conditions

**Multiple Configurations Available**

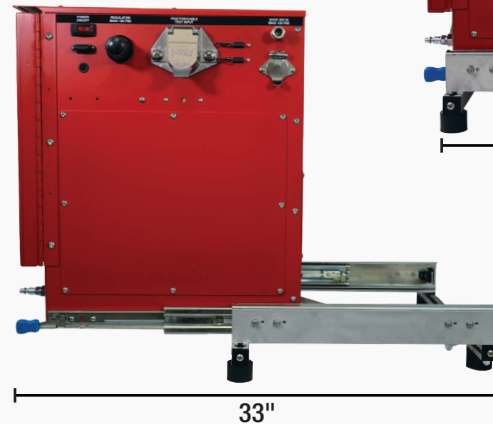
- #5610A..... Includes ABS Diagnostics (No Tablet or Slide-Out Base)
- #5610A-RT8.... Includes ABS Diagnostics and Rugged Tablet (No Slide-Out Base)
- #5611A..... Includes ABS Diagnostics and Removable Slide-Out Base (No Tablet)
- #5611A-RT8.... Includes ABS Diagnostics, Rugged Tablet and Removable Slide-Out Base

*For a complete breakdown of the various Alpha MUTT® series, models, accessories and applications, call 845-679-4500 and speak with one of our Sales Reps.*

Slide-Out Base Closed



19"



33"

Slide-Out Base Fully Extended



## 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

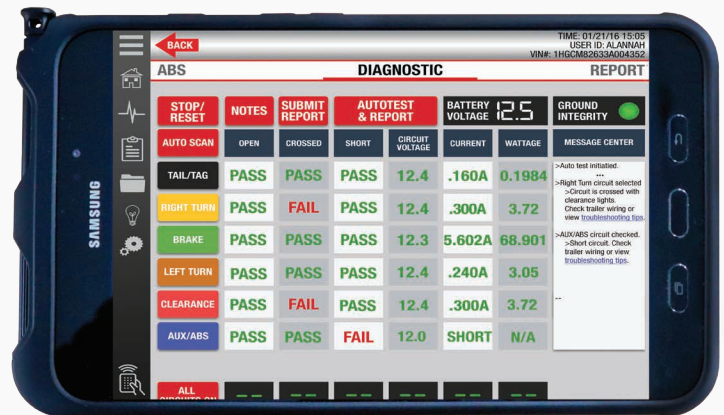
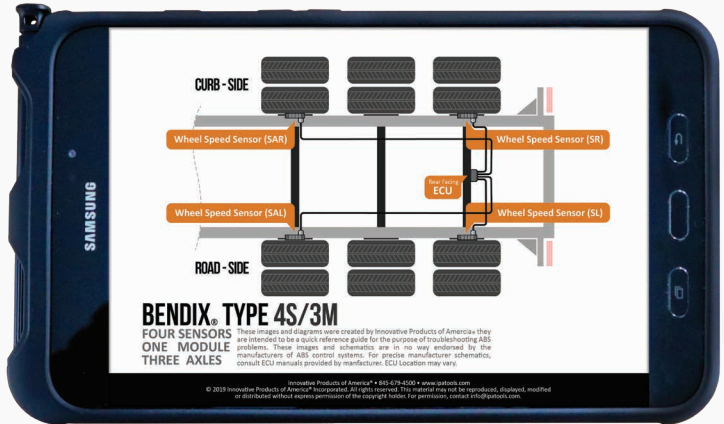
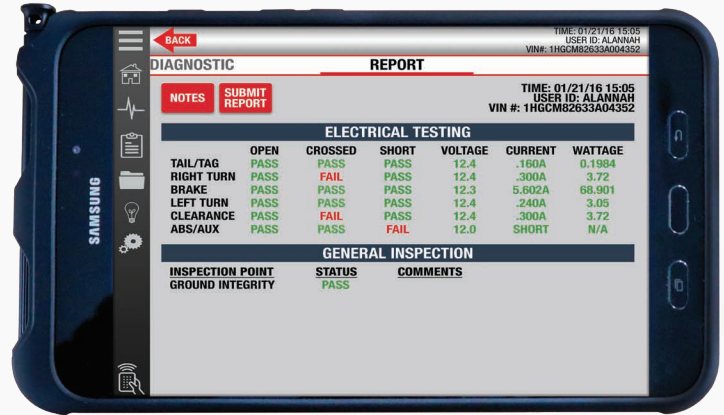
- Inspection accountability
- Customizable, password-protected user login
- Technician's username is recorded with each test
- Trailer VIN entry with each inspection maintains more accurate record keeping

### 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 @ 1mA 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



## Military-Grade Tablet Tested Against:

Salt Fog, Settling and Blowing Dust, Icing, Rain, Humidity, Immersion, Vibration, Dropping, High/Low Temperatures, and High Altitude

## Complete Specifications

### Specifications

- 7-Way Round Pin Connection Type
- 12/24V DC Power Input
- 20A @ 12/24V DC Source Output
- 120 psi Max. Operating Pressure

### Technology

- 8-in. Military-Grade Rugged Tablet  
*Android 7.1, 16GB Internal/Micro SD (up to 256GB), Pogo Pin, Li-Polymer Battery, 4450 mAh, Stylus*
- IPA® Diagnostic Software Suite  
*No Monthly Fees*
- 4.0 Bluetooth®
- High-Speed Microprocessor
- 1mA Resolution
- (2) Dual-Line, 32-Character, All Environment Digital LCD Screens

*Backlit, Sunlight-Readable, Wide-Angle View*

*Upper - Designated Air Pressure Testing*

*Lower - Designated Voltage, Current, ABS, and Settings Menu*

### Accessories

- 2<sup>nd</sup> Gen 12-Button Remote Control  
*433MHz Long Range*
- Bluetooth® Communication Module
- 5-ft. Bluetooth® Extension Cable
- 20-ft. Gladhand Hoses with Handles
- 20-ft. 7-Way Cable
- Power Cable
- Tablet Protective Case
- Mounted Tablet Docking/Charging Station
- Tablet AC Charger
- Expanded Training Manual and Parts List Binder

### Mounted Equipment

- 16ga. Powder-Coated Steel Construction
- Waterproof, Sealed Faceplate
- Illuminated Stainless Steel Pushbutton Switches
- Steel 7-Way Sockets
- Panel-Mounted Regulator
- Integrated ¼" NPT Stone Air Filter
- Weather-Proof Steel Door
- Integrated Soft-Close Storage Drawer  
*w/ Tablet Docking/Charging Station and Custom Foam Cutouts for Remote Control and Bluetooth® Module*
- Removable, Sliding-Base Service Tray
- Vibration-Dampening Rubber Mounts

### Warranty

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

### Ports

- OBD2 Bluetooth® Port
- 12V Socket
- Two-Pin External Power Input Socket
- (2) USB Ports  
*PLC Firmware Updates / PCB Firmware Updates*
- 30-Amp Fuse Holder w/ Fuse
- Chassis Ground

### Country of Origin

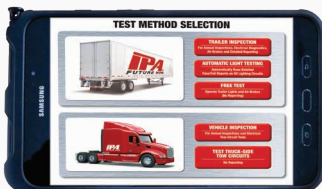
- Made in the USA

### Weight and Dimensions w/ Slide-Out Base

- 54 lbs.
- 16.5" W x 21.5" H x 19" D (33" Extended)



\* Available With and Without Slide-Out Base



8-in. Military-Grade Rugged Tablet



2<sup>nd</sup> Gen 12-Button Remote



Bluetooth® Module



5-ft. Bluetooth® Extension Cable



20-ft. Gladhand Hoses w/ Handles



20-ft. 7-Way Cable



Power Cable



**Available ALPHA MUTT® Configurations**

PART #	MODEL	CONNECTION	ABS	BLUETOOTH	TABLET	REPORTING	CONSTRUCTION	MOBILITY	REMOTES	CABLES
5710A	Shop	7-Way Round	✓	X	X	X	16 Gauge Powder Coated Steel	Pneumatic Wheels	1	12'
5710A-T10	Shop	7-Way Round	✓	✓	✓	✓	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5710A-RT8	Shop	7-Way Round	✓	✓	✓ (Rugged)	✓	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5711A-T10	Shop	7-Way Round & 7-Way Flat	✓	✓	✓	✓	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5711A-RT8	Shop	7-Way Round & 7-Way Flat	✓	✓	✓ (Rugged)	✓	16 Gauge Powder Coated Steel	Pneumatic Wheels	2	12'
5610A	Service Truck	7-Way Round	✓	X	X	X	16 Gauge Powder Coated Steel	Rubber Feet	1	20'
5610A-RT8	Service Truck	7-Way Round	✓	✓	✓ (Rugged)	✓	16 Gauge Powder Coated Steel	Rubber Feet	1	20'
5611A	Service Truck	7-Way Round	✓	X	X	X	16 Gauge Powder Coated Steel	Fixed Slide Out Base	1	20'
5611A-RT8	Service Truck	7-Way Round	✓	✓	✓ (Rugged)	✓	16 Gauge Powder Coated Steel	Fixed Slide Out Base	1	20'

M Series: Ask about our full line of Military and NATO Alpha MUTT® trailer testers.



**#5710A-T10 Shop Model Shown**



**#5611A-RT8 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.*