

AATEC 3500 Pro Automotive Tablet Oscilloscope



Made for Automotive Diagnostics



AATEC is the official Distributor for the USA

**3 Year Warranty on Tablet
Free lifetime online software updates**

AATEC, INC. 4074 Beach Rd, Medina, OH 44256 330-815-1766

www.autoscopeology.com

sales@aatecusa.com

Why Choose the AATEC 3500 Pro Automotive Tablet Oscilloscope?

- **Practicality:** Battery-powered, Portable, Large Screen display, No Laptop Needed, All-in-one Unit, Perfect for Field Work
- **User-friendly:** Intuitive Android Operating System, Numerous Auto-Diagnostic Software Presets, Full Touch Screen or Button Operation, Pop-up Menus, One Click To Get Signals
- **Performance:** Robust 4 Channel Hardware, High-level Specifications. Professional R&D Team, World's First Tablet Touchscreen Oscilloscope Manufacturer
- **Compatibility:** Not Only For Car-diagnostics, But Also For Motorcycle, Heavy Truck & All The Other General Electric Signal Testing
- **Free software updates; PC & Mobile App remote control & HDMI:** Perfect For Training & Education
- **Affordable Pricing** for a Revolutionary Auto-diagnostic Tool
- **Rising Star in Auto Diagnostic Tools:** 100% Positive User Feedback So Far



Learn More - Call Today

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Ask about our Education Discounts

CHARACTERISTICS & FEATURES

Strong

Soft TPU + ABS protective shell

Intuitive

8" Capacitive seamless touchscreen

Portable

Pre-installed side handle strap

Stable

Triangle link bracket



Friendly

Excellent user interface

Fast Setup

Compact shortcut keys

Multifunctional

Innovative navigation button panel

Smart

Slide-out menus, rich Android-based APPs

The AATEC 3500 Pro Automotive Scope is designed for the Automotive Market

The AATEC 3500 Pro Automotive Scope is a rugged, battery-powered portable, handheld automotive tablet oscilloscope specially designed for the Automotive Market.

It's equipped with many automotive diagnostic presets. AATEC 3500 Pro Automotive has robust signal analysis performance, super user-friendly full touch screen or button-based operation.

It has a slim design, with sturdy handles for stable handheld use, and a kick stand for easy table top or car-side use. All with a long battery life.



It is a built for field work and is a powerful tool for automotive diagnostics.

AATEC 3500 Pro Automotive – 14 Things to Know



1. Comprehensive auto diagnostic presets package

Designed for automotive diagnostics, saves time and makes this tool powerful for technicians of all skill levels

2. Engine ignition test

It can test various ignition systems such as COP independent ignition, single-cylinder ignition, multi-cylinder ignition, with distributor without distributor, and pulse ignition.

3. Sensor tests

It can test ABS, accelerator pedal, throttle position, intake pressure, air flow meter, crankshaft, camshaft, knocking, oxygen sensor systems, etc.

4. Actuator tests

It can test various fuel injectors' voltage and current, fan control signal, variable valve timing, carbon canister solenoid valve, EGR solenoid valve, etc.

5. Communication tests

It can test CAN, LIN, Flex ray, K-line, etc.

6. Startup and charging tests

It can test the voltage, current, charging ripple, etc. Supports 12V and 24V batteries.

7. Color coded for readability

Color coded leads and on the screen make it easy to read on each channel.

8. Large Storage

Conveniently store 32Gb waveforms, store pictures, record videos, etc., without missing a detail.

9. Connect with mobile phone and computer

Connect with mobile phone, you can view waveforms and control the oscilloscope real-time. Connect to the computer, you can view the waveforms and videos you saved on computer or oscilloscope.

10. Connect with projector

It can be connected to a computer and a projector to facilitate teaching and research.

11. Compatible with other brand leads & Amp Probes

Use existing Amp Probes or Automotive leads on this scope to save money. We also sell BNC to Banana adapters if needed.

12. Power

Can be run during testing with the AC charger on or just on the battery. Both are included. Battery is very low cost.

13. Warranty & Updates

3-year warranty on tablet, 1 year on the battery, 90 days on leads. Free lifetime updates by the factory on the internet.

14. AATEC is the Official USA Distributor

Buy the factory official unit to ensure warranty & free updates!

Easy To Operate – Intuitive Interface



- No manual needed, but fully illustrated manual provided
- Leads, Scope Connectors and Onscreen Buttons are all Color Coded
- Extensive number of Presets for all sensors
- Full touch screen OR use buttons
- Drag Vertical or Horizontal Ruler to get Exact Reading on scope trace
- Does all the math for you
- 32 Gb Internal Storage to save large volume of Data / Videos / Screenshots
- Intelligent Bi-Directional probe interface



- **Robust hardware design**

- Sturdy case, Side Handle for ease of carrying, Kickstand for tabletop use

- **Excellent Connectivity**

- WiFi, HDMI, USB 3.0/2.0, Type-C

- **Unparalleled Operating Experience**

- 8-inch TFT-LCD capacitive touch screen with 800 * 600 resolution, integrates a new generation of hardware & software technologies

- **70Mpts Memory Depth**

- Hardware-based Zoom technology and up to 70Mpts memory depth, allow users to move and browse waveforms much easier and quickly zoom in to focus on the interested area.

- **Serial Bus Decoding**

- Support UART, LIN, CAN, I²C, SPI serial bus decodings, display waveform and data at the same time.

- **Powerful Trigger Functions**

- Support Edge, Pulse, Logic, N Edge, Runt, Slope, Timeout, Video and Serial trigger, most intuitive trigger, fast trigger source switching.

- **Integrated Control Panel**

- Innovative multifunction navigation buttons, deliver quick and accurate control.

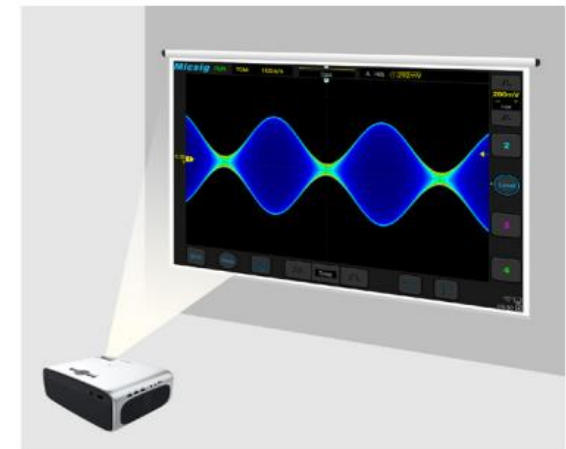
Run on Tablet, PC, Smartphone Or Project

Large 32GB Internal Storage

Built-in 32GB storage lets user wirelessly access/view massive files like pictures, waveforms, and videos of the oscilloscope via PC or mobile phone.

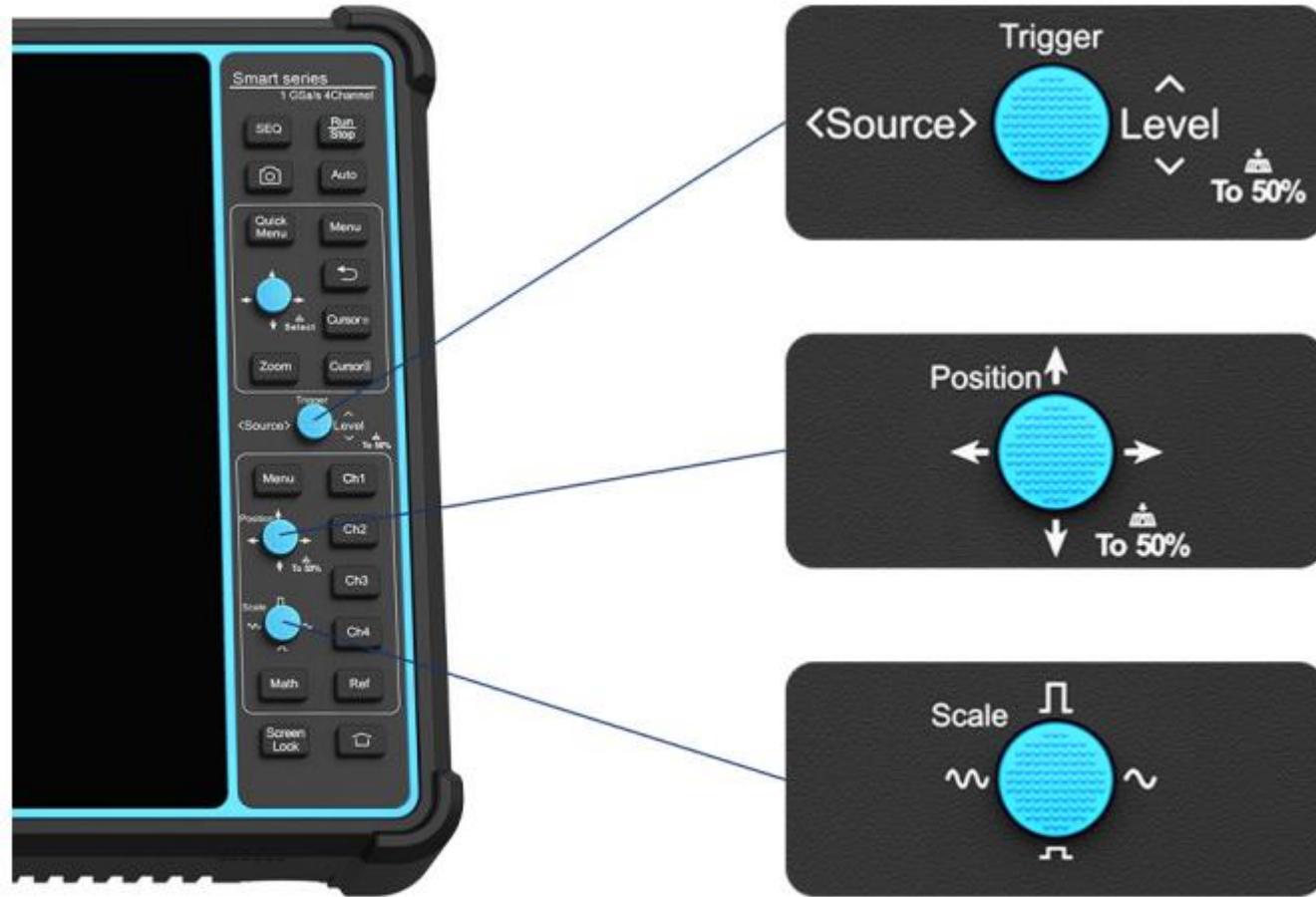
Android Operating System

With industry-first Android based OS, the AATEC 3500 Pro provides excellent and intuitive user experience and promising applications.



Remote Control and Demonstration Capabilities

The smart series Model 3500 Pro support PC software + mobile phone App (Android /iOS) remote control via connections of Wi-Fi, USB, able to access internet for online upgrades, it also can be projected through HDMI port for demonstrations for training and education purposes.



The AATEC 3500 Pro
Model Has BOTH Touch
Screen & Buttons

*It's the best of both
worlds*

- Blue Caps: Highly integrated multifunction shortcut keys, deliver quick & accurate control to various operations.

Key Specifications

Analog Channels	4
Bandwidth	100MHz
Sampling Rate (Max.)	1GSa/S (single channel)
Memory Depth	70Mpts (single channel)
Waveform Capture Rate (Max.)	130,000 wfms/s
Support Tests	Charging Circuits, Starter Circuits, Sensors, Actuators, Ignition, Networks (including CAN, LIN, Flexray, K line, etc.), Combination Tests
Bandwidth Filter	Full bandwidth, Low pass
Interfaces	Wi-Fi, USB 3.0/2.0 Host, USB Type-C, Grounding, HDMI, Trigger out
Display	Industrial 8" TFT-LCD (800*600), 14*10 grids
Dimension / Net Weight	265*192*50mm / 1.9kg (with battery)
Battery	7.4V, 7500mAh, Li-ion battery



ALL INPUTS 1MΩ/14pF 300Vrms CAT I

1 2 3 4 Aux out

-
- The rear panel of the device features the following components from left to right:
- Grounding plug**: A circular grounding port.
 - Power Button**: A circular button with a power symbol.
 - Probe calibration output**: A small circular port.
 - USB3.0/2.0**: Two USB ports, one silver and one blue.
 - HDMI**: An HDMI port.
 - Type-C**: A USB Type-C port.
 - Power-off Lock**: A small switch labeled "ON" and "OFF".
 - Power Supply**: A circular DC input port labeled "DC 12V".



Triangle link rear stand make sure it sits on the bench solidly

Designed for Automotive Diagnostics

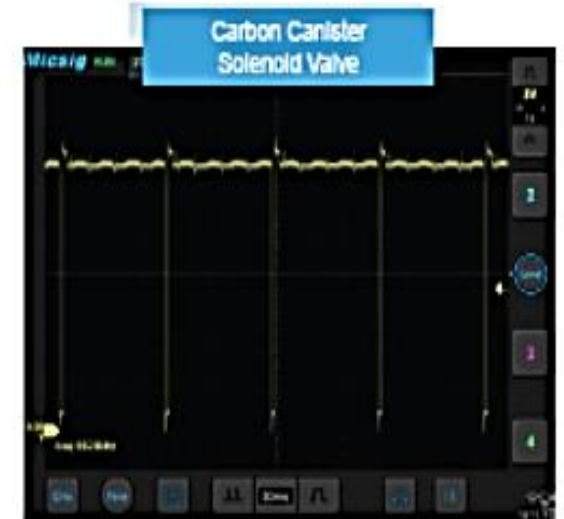
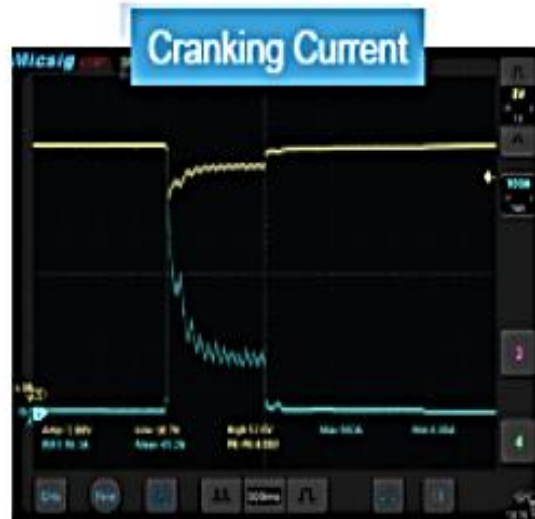
- Updated for 2023
- Many automotive presets
- Fully featured
- Touch Screen or Button operation
- Powerful
- Rugged
- Portable

Call today to learn more

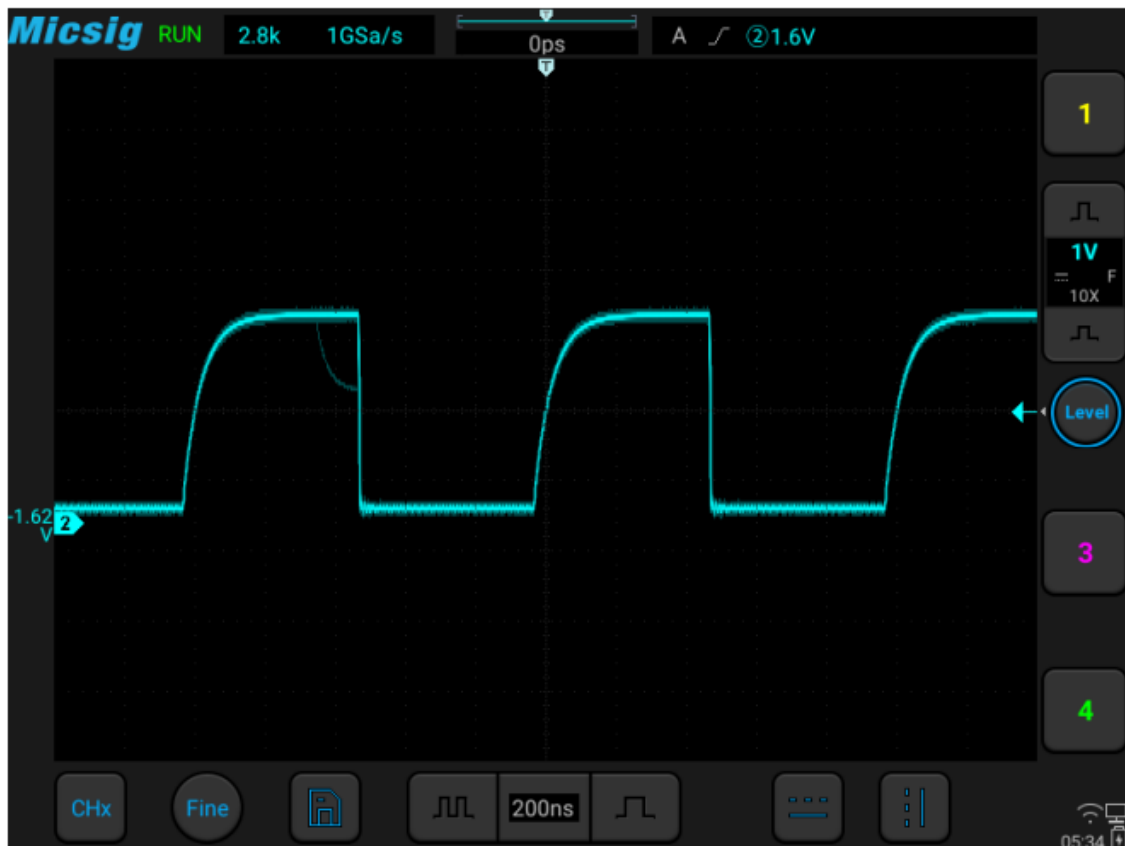
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Designed for Automotive Diagnostics

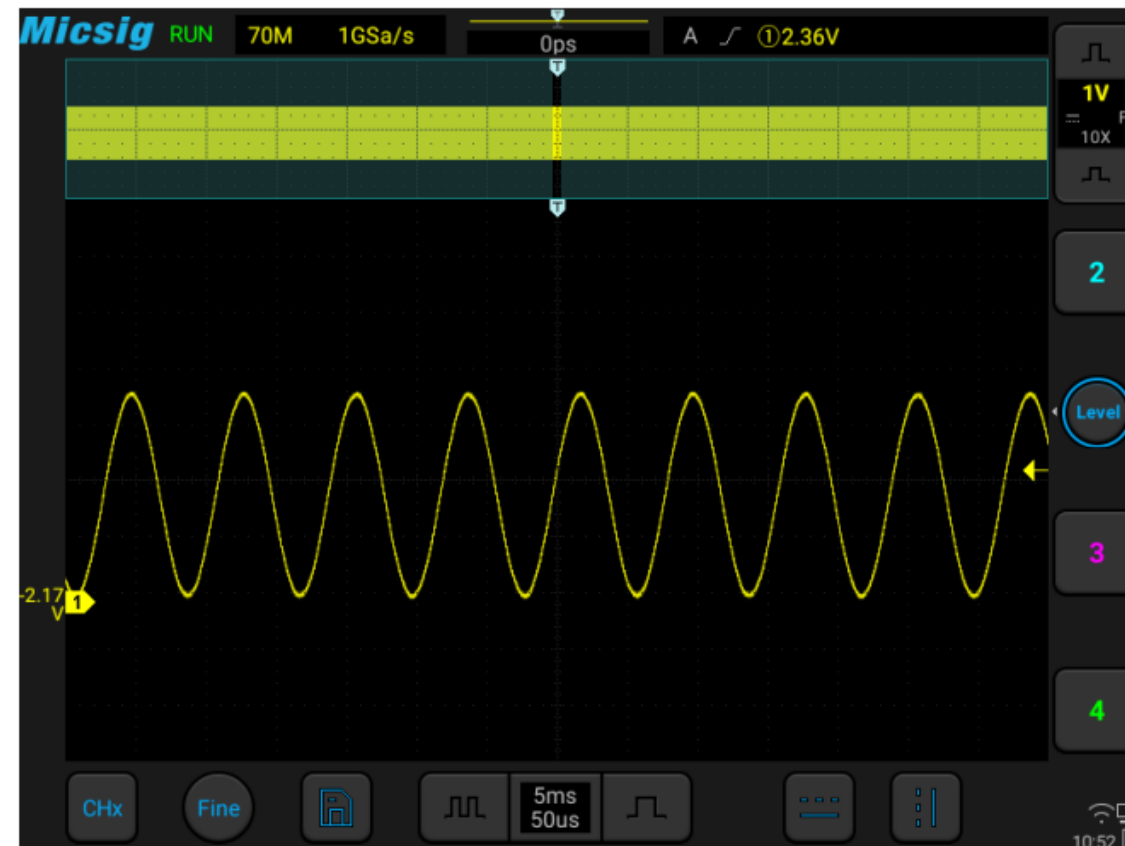


Fully Featured with Many Pre-Sets for Easy Use



High Waveform Update Rate

With a waveform update rate of up to 130,000 wfms/s, the Model 3500 Pro can easily capture unusual or low probability events.



Ultra-deep Memory

Using hardware-based Zoom technique and memory depth of up to 70Mpts, allows users to move and browse waveforms much easier and quickly zoom in to focus on the area of interest.



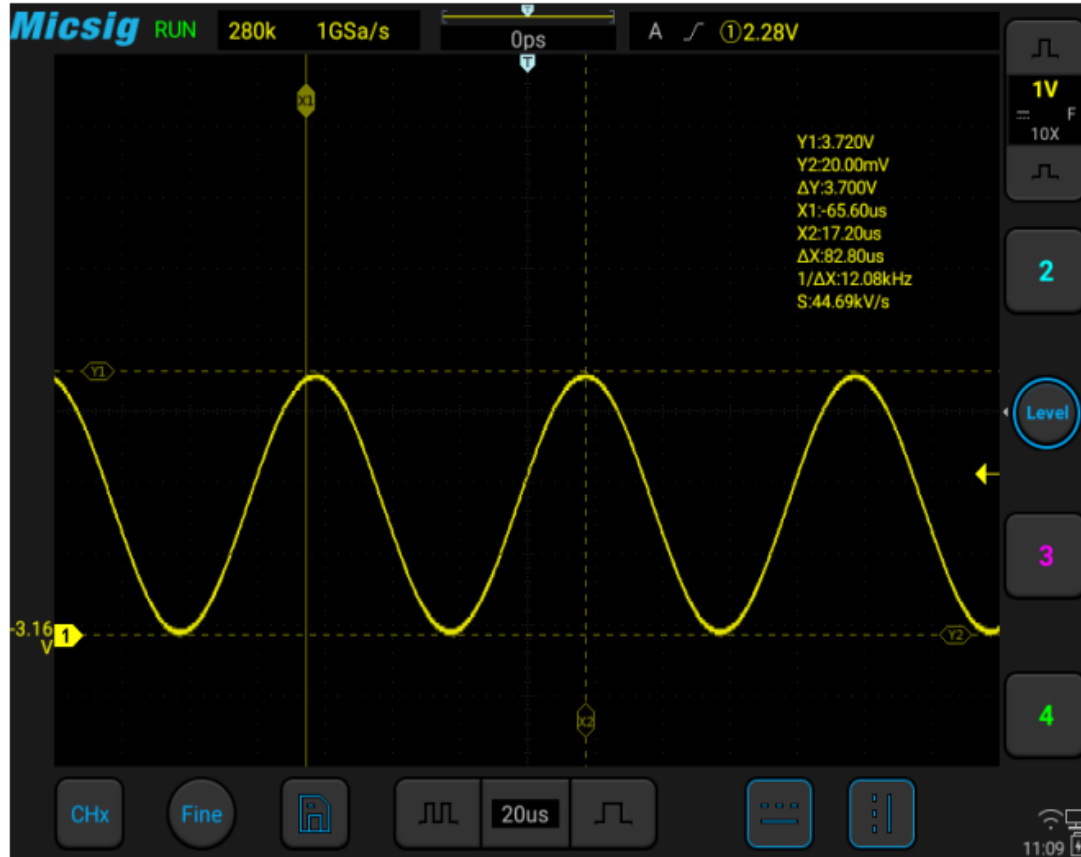
Serial Bus Decoding and Analysis

Support UART, LIN, CAN, I²C, SPI and other hardwarebased serial bus decoding and triggering, display waveform and data at the same time.



Powerful Trigger Functions

Support Edge, Pulse, Logic, N Edge, Runt, Slope, Timeout, Video and Serial trigger, most intuitive trigger settings, fast and easy trigger source switching.



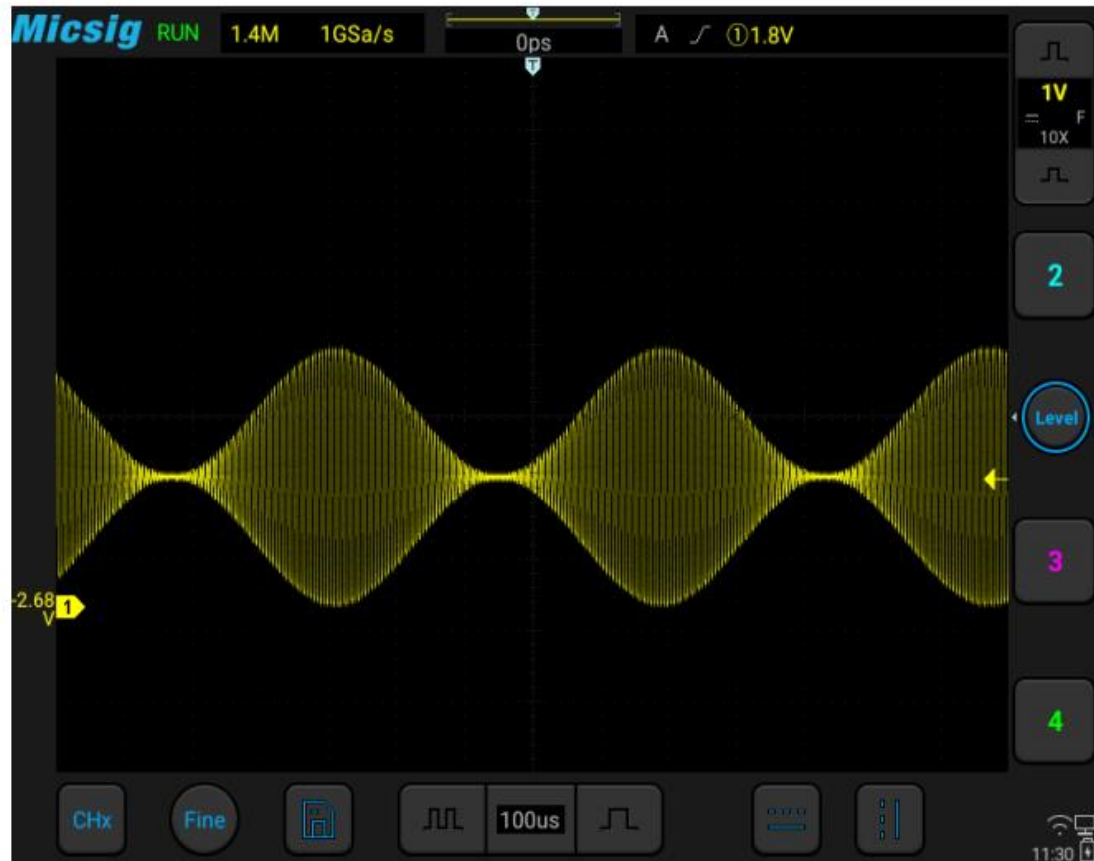
Convenient Cursor Measurement

One touch to open horizontal and vertical cursors, each cursor can be moved separately or simultaneously, brings unmatched user experience.



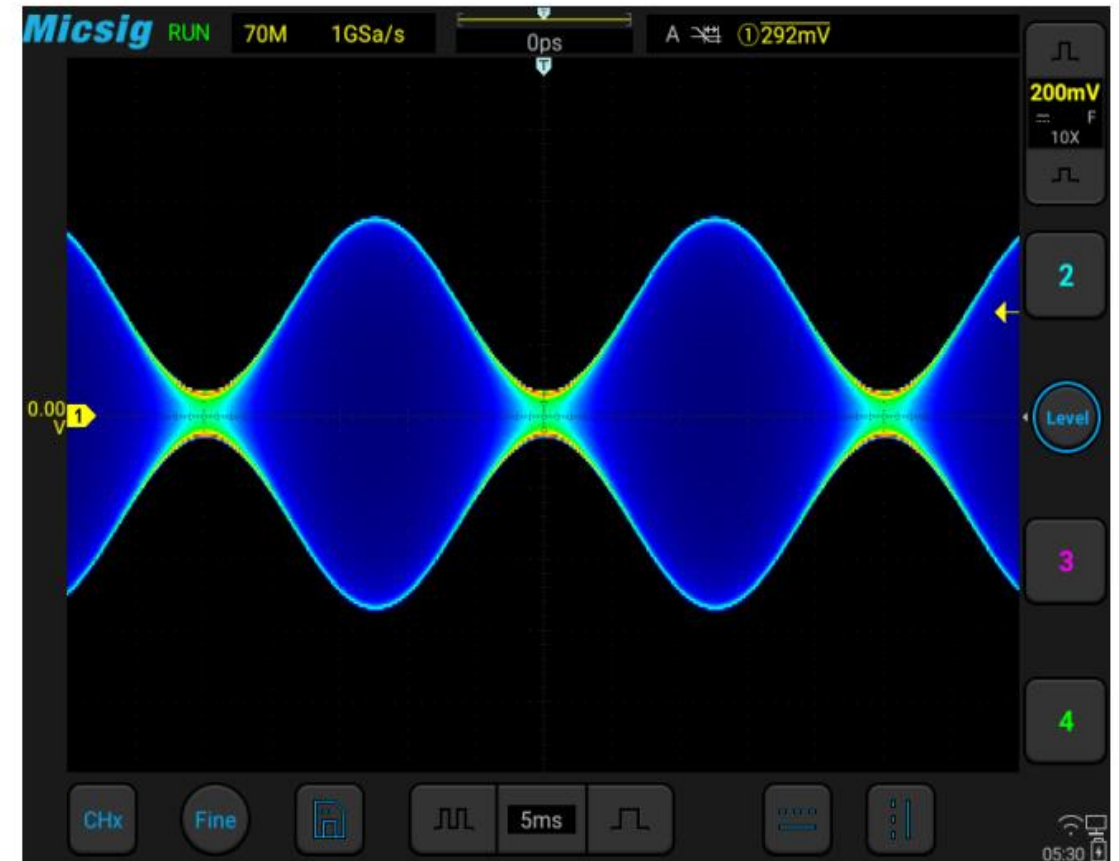
31 Auto Measurements

All 31 types of automatic measurements can be displayed on one screen, one touch to clear, the best auto measurement on the market.



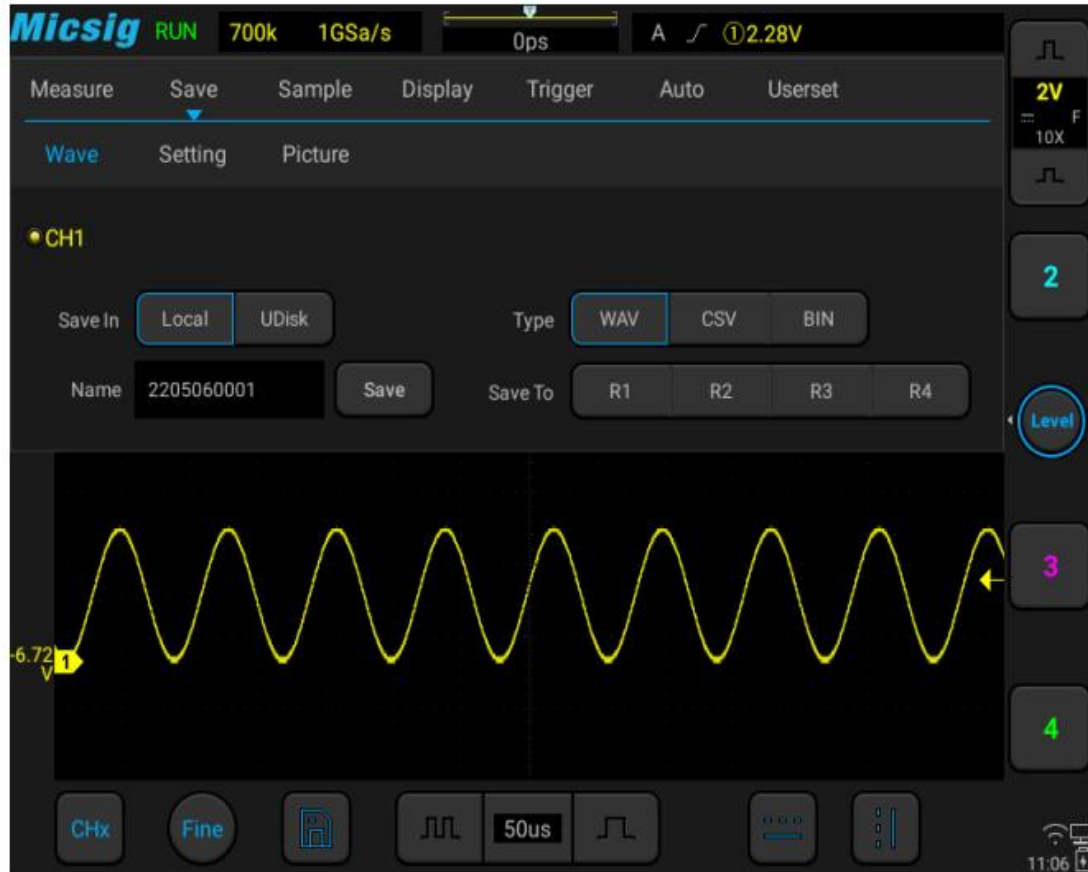
256-Level Intensity Grading

The AATEC 3500 Pro has digital fluorescent display. The resulting intensity-graded trace is brighter for events that occur with more frequency and dims when the events occur with less frequency.



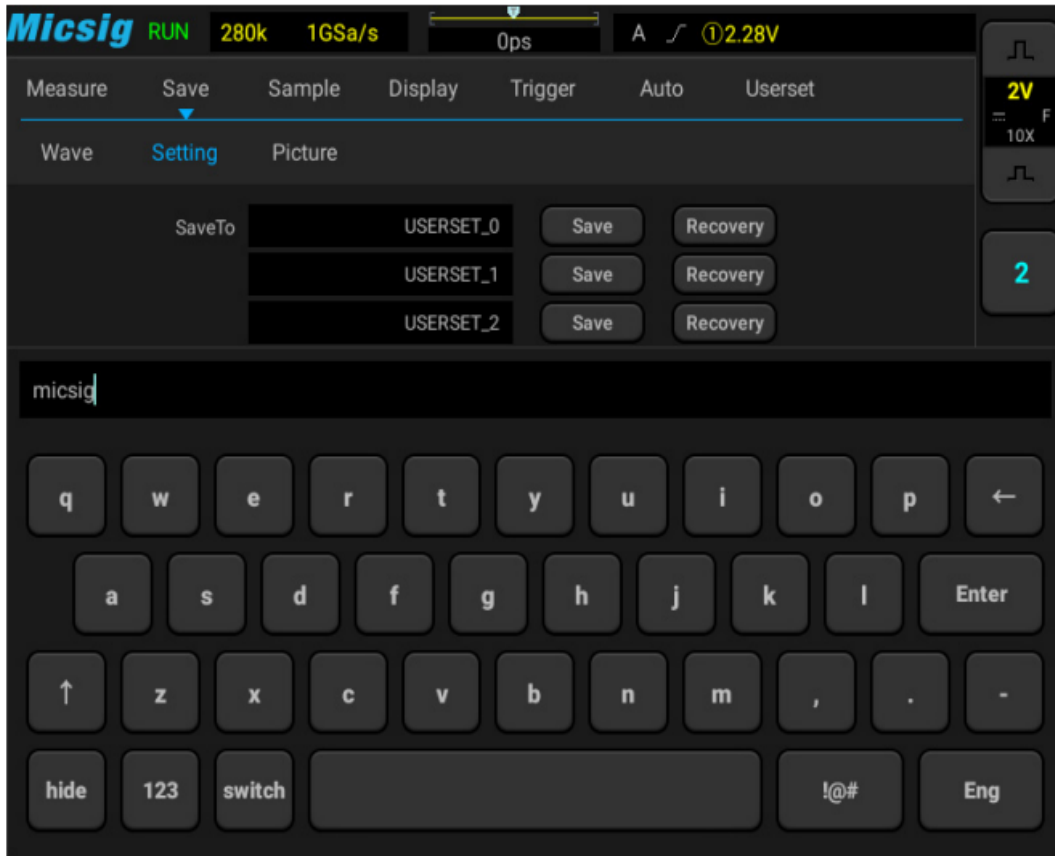
Color Temperature Display

The AATEC 3500 Pro color display is similar to the intensity-graded trace function, but the trace occurrence is represented by different colors as opposed to the intensity of one color. Red colors represent more frequently occurring events, while the blue represents less frequent ones.



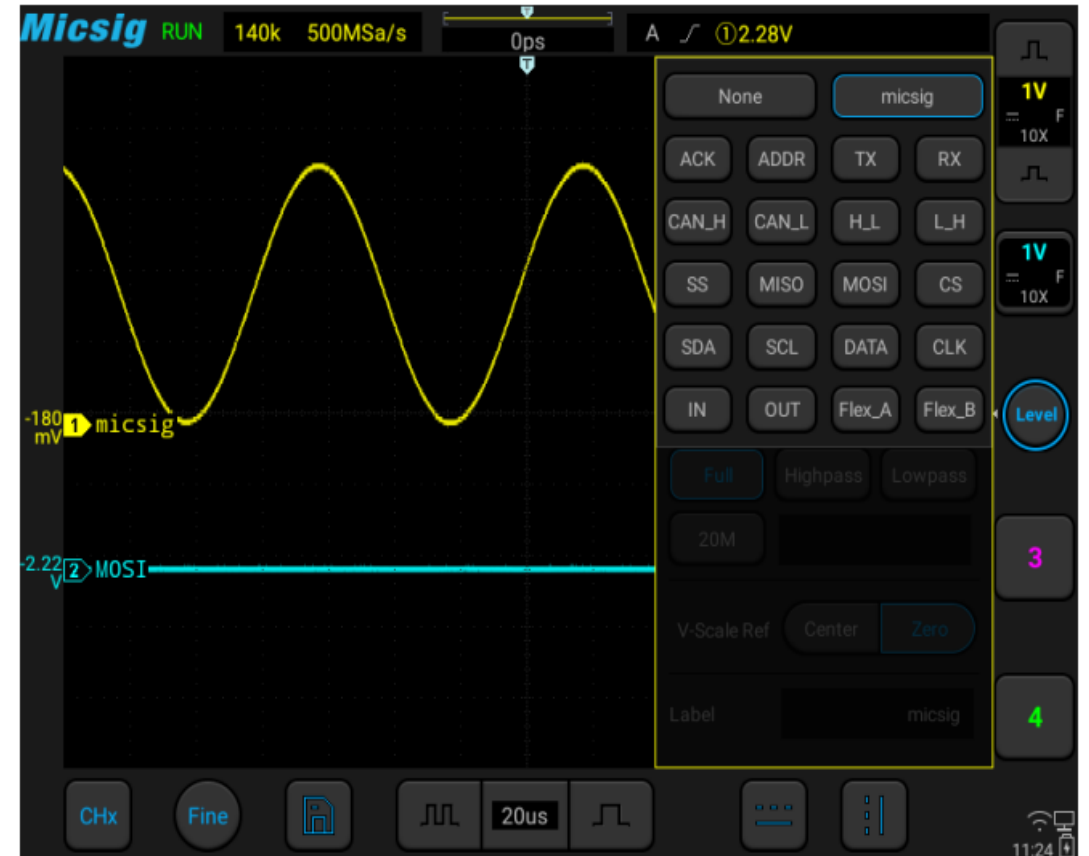
Fast Storage Function

Micsig's unique fast storage function allow users quickly save waveforms with one touch, a full screen of 70M waveform data can be completely saved in BIN format. More than 70% more efficient than traditional oscilloscopes.



Soft Keyboard Input

When entering names, Ips, and characters, the AATEC 3500 Pro users can easily click on the soft keyboard to input like a tablet PC, improving efficiency by 90% over traditional benchtop oscilloscopes.



Channel Label

When measuring on multiple channels, users can set individual labels for different sources to facilitate observation and reading.

Accessories included with every AATEC 3500 Pro Automotive Tablet Scope

Also Included An AATEC exclusive! Not shown our lab scope training DVD with movies and much more. Its so full we may have to offer it in a USB drive.



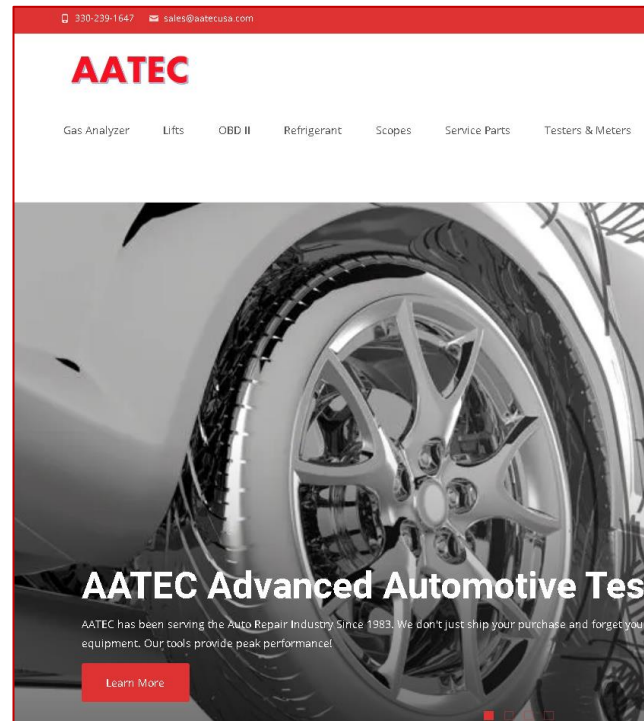
Full assortment of other Automotive Accessories available with prices at www.autoscopeology.com

Why Buy From AATEC?

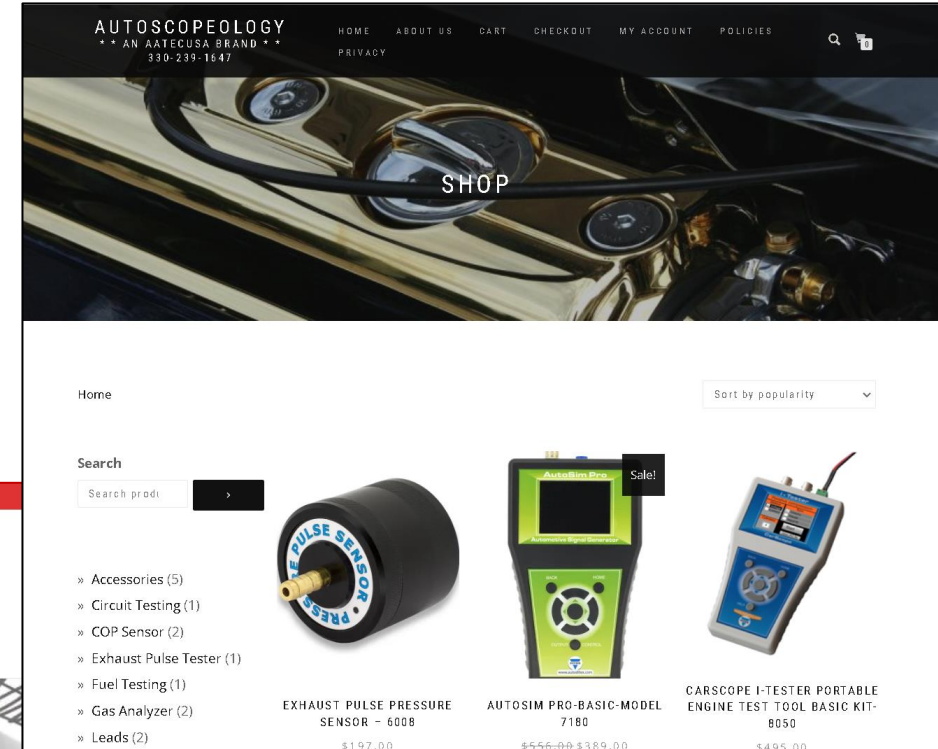
- AATEC is the official USA Distributor for the AATEC 3500 Pro Automotive Tablet Scope & for many other automotive diagnostic tools
- Since 1983 we've been selling high quality automotive lab scopes, diagnostic software and other accessories to the technician at a great price.
- AATEC never sells grey market equipment! Make sure you buy only original factory equipment with warranties and updates.
- AATEC - Member of Akron Ohio BBB
- AATEC has been President of the Automotive Technicians Association of Ohio since 1995

Visit both our websites
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products

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