



uScope 1-channel automotive scope

The uScope! A single channel, pocket-sized, digital storage oscilloscope that is small, quick, and powerful.

Overview

The uScope! A single channel, pocket-sized, digital storage oscilloscope that is small, quick, and powerful. Automotive presets get you going quickly. Ideal for the Flat Rater that wants the ultimate run and gun lab scope for pin point testing. Ideal for the student that is ready to start scope'n.

The uScope is powered by an easy to use automotive specific interface that includes automotive presets and reference waveforms.

The bottom line: When you just need to run a quick test to verify the "signal" is working as the engineer intended, why spend time pulling out and setting up your "big boy Scope" when you can do it faster with the uScope?

Put the power of the uScope in your hand (and shirt pocket).

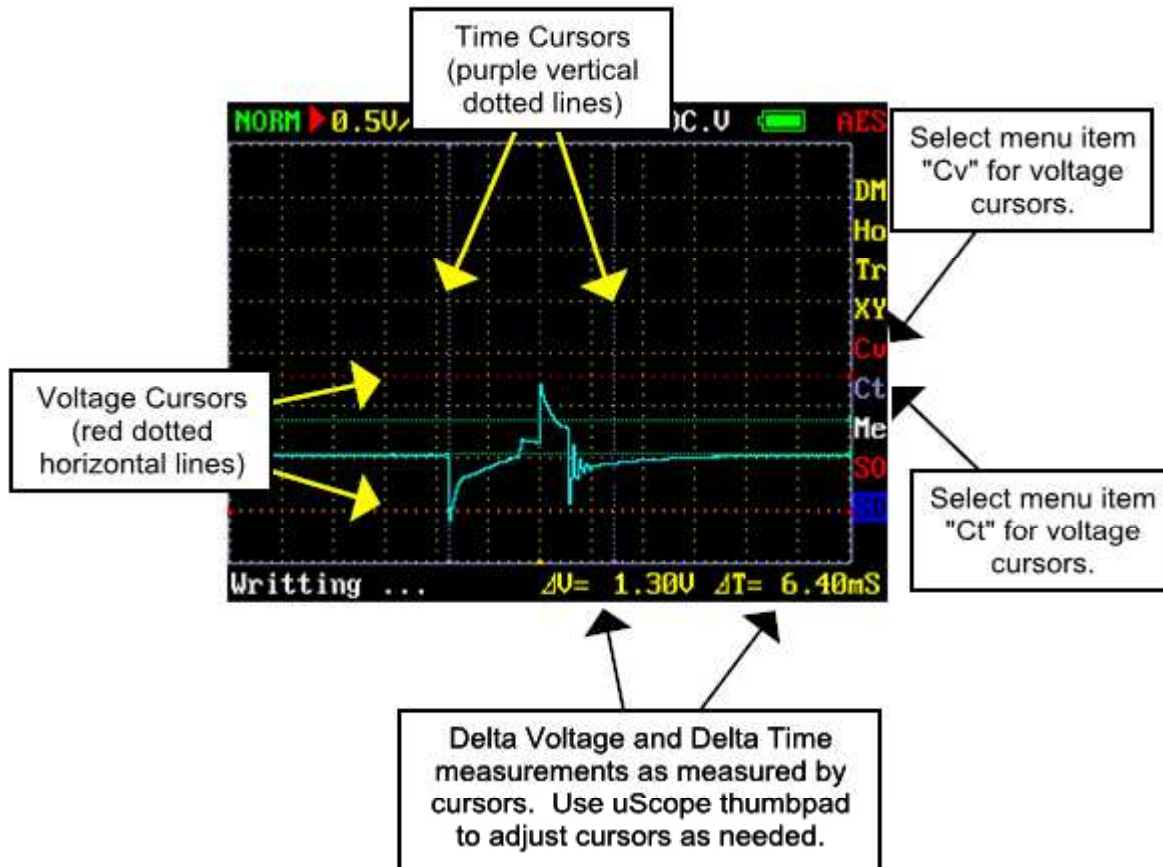
Secondary ignition, injectors, mass air flow, crank, cam, TPS, O2, CTS you name it it'll scope it. The uScope is also perfect for your law amp probe, secondary ignition pickup and pressure transducers.

Contents:

- uScope Digital Storage Scope
- 6' Shielded ST3 Test Lead (Green)
- 6' Secondary Capacitive Pickup
- Green pin tip probe
- Black pin tip probe
- Green gator clip
- Black gator clip
- 2Gb Micro SD Card
- USB Cable

Optional:

- Flexible Adapter for uScope to Female BNC
- Flexible Adapter for uScope to Banana Sockets



Application Notes

Specifications

- Display 2.8" Color TFT LCD
- Display Resolution 320x240
- Display Color 65K
- Analog bandwidth 0 - 1MHz
- Max sample rate 1Msps 12Bits
- Sample memory depth 4096 Point
- Horizontal sensitivity 1uS/Divk10S/Div (1-2-5 Step)
- Horizontal position adjustable with indicator
- Vertical sensitivity 10mV/Divk10V/Div (with probe)
- 0.5V/Divk100V/Div (with 10 probe)
- Vertical position adjustable with indicator
- Input impedance >500K?
- Max input voltage 80Vpp (by probe)
- Coupling DC
- Trig modes Auto, Norma, Single, None and Scan
- Functionalities: Automatic measurement: frequency, cycle, duty, Vpp, Vram, Vavg and DC voltage
- Precise vertical measurement with markers
- Precise horizontal measurement with markers
- Rising/falling edge trigger
- Trig level adjustable with indicator
- Trig sensitivity adjustable with indicator
- Hold/run feature
- Test signal Built-in 10Hzk1MHz (1-2-5 Step)
- Waveform storage SD card
- PC connection via USB as SD card reader
- Upgrade by uScope Updater via USB
- Power supply 3.7V Chargeable Lithium battery / USB