

IGNITION SYSTEM ANALYSER

The smartach COP multisystem ignition analysers (TA500) technology allows the user to perform quick and reliable diagnostics of no starts, misfires, fouled up or damaged spark plugs and/or ignition leads, by comparing digital read-outs of the spark plug voltage and spark burn time between cylinders on engines using Coil on Plug, Coil near Plug, conventional distributor/ignition coil, DIS (Distributor-less) or waste spark and magneto technologies. Simple to use, the TA500 requires no special adapters, cables or a scope and is equipped with a large digital display that shows spark plug voltage, spark burn time, RPM, as well as Min/Max readings in real time.

Easy Tests

- ✓ Coil on Plug
- ✓ Coil near Plug
- ✓ Distributor/ignition coil
- ✓ DIS
- ✓ Waste spark
- ✓ Magneto



Technical Specifications

Display: Large 4-1/2 Digits LCD + 2 x 3-1/2

Tachometer Range: 200 to 19999 RPM

Cycles: 2 and 4 Cycles, and DIS

Tachometer accuracy: $\pm 0.5\% + 1$ LSB

Response time: 0.3 Seconds

Ignition peak voltage range: 0 to 49.9 KVolt

Probe: 30 cm flexible probe with capacitive pick-up

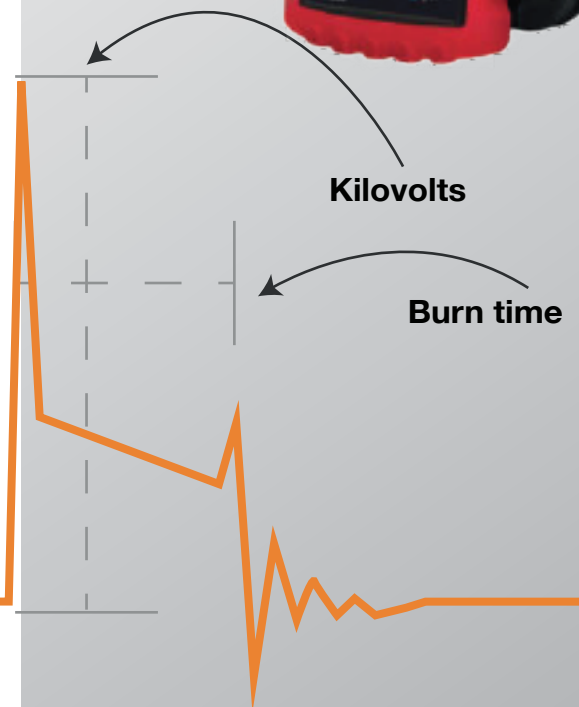
Secondary ignition pick up: Capacitive sensor

Power Source: One standard 9 Volt battery

Battery life: Approx. 20 hours of operation

Power Saving: Auto power off after approx 3 min

Kit Includes: Handset, Protective rubber holster Hard padded



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