



TA500



IGNITION SYSTEM ANALYSER



facebook.com/olctinfo



twitter.com/olctinfo



youtube.com/olctinfo

TA500

Easy Tests

Coil on Plug

Coil near Plug

Distributor/ignition coil

DIS

Waste spark

Magneto

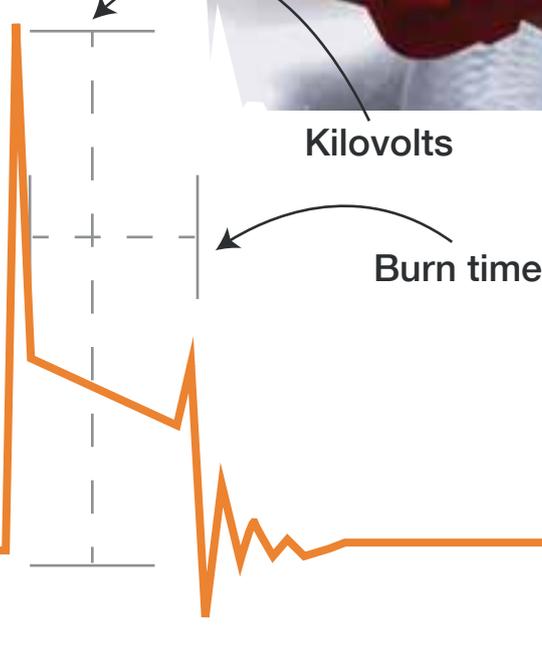


Measures

Ignition burn time

Kilovolts

RPM



How it works

The TA500 Smartach+COP Multisystem Ignition Analyzer unique and proprietary technology allows the user to perform quick and reliable diagnostics of non-starts, misfires, fouled up or damaged spark plugs and/or spark plug wires, 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 Minimum and Maximum readings in real time.

Simple and easy to use

- ▶ Select the ignition system to measure (spark plug wire or coil on plug) and number of cycles.
- ▶ Place the capacitive sensor (yellow tip) on top of the spark plug wire or ignition module.
- ▶ Read spark burn time, spark KV and RPM on the LCD display.



Special COP mode:

- ▶ New and unique technology for testing Coil on Plug and Coil near Plug systems produces more consistent and reliable results.

Quick and easy diagnostics of:

- ▶ Non-starts
- ▶ Misfires
- ▶ Defective coils
- ▶ Fouled or damaged spark plugs
- ▶ Damaged spark plug wires

No special adapters, cables or scope required:

- Measures and displays in real time
- ▶ Spark plug voltage
 - ▶ Spark burn time
 - ▶ RPM
 - ▶ Maximum and minimum readings



Applications:

- ▶ Automobiles
- ▶ Industrial
- ▶ Aviation
- ▶ Agricultural
- ▶ Marine

Technical Specifications

Display:

- ▶ Large LCD display with 4½ digits main display and two 3½ digits secondary displays
- ▶ Measuring units indicator
- ▶ Measuring function indicator
- ▶ Spark detected indicator
- ▶ Maximum and minimum readout
- ▶ Low battery indicator

RPM measurement

- ▶ Range: 200 to 19,999 RPM
- ▶ Resolution: 1 RPM
- ▶ Accuracy: ±0.5%

Spark burn (firing) time

- ▶ Range: 0 to 10.0 mS
- ▶ Resolution: 0.1 mS
- ▶ Accuracy: ±0.1 mS

Spark (peak) KV

- ▶ Range: 0 to 50 KV
- ▶ Resolution: 0.1 KV
- ▶ Repetitively: ±0.2 KV

Response time:

- ▶ <300 mS (above 200 RPM)

Flexible probe:

- ▶ 12" (30 cm) long with capacitive sensor

Power Source:

- ▶ 9-volt battery type NEDA 1604

Battery life:

- ▶ Approx. 20 hours (w/alkaline batteries)

Power Saving:

- ▶ Automatic shut off after 3 minutes

Dimensions:

- ▶ 6.1"(H) x 4.0"(W) x 1.5"(D) or
155 mm x 102 mm x 38 mm (without probe)

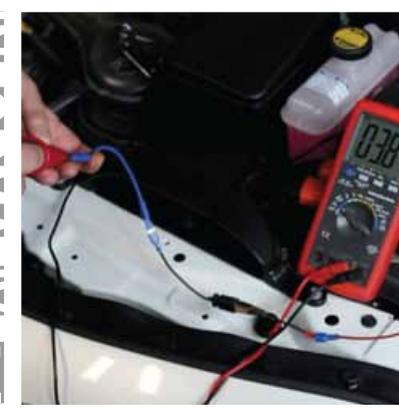
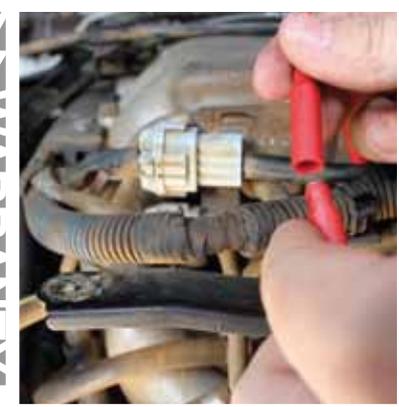
Weight:

- ▶ 12.4 oz or 355 g (w/battery)

TA500 Includes:

- ▶ TA500
- ▶ Hard carrying /storage case
- ▶ 9 Volt alkaline battery
- ▶ User's Manual





THE "NOT SO" SMALL PRINT

Word of mouth is our secret weapon. A large percentage of our business comes through our existing customers. So of course, we put a lot of time and effort into customer service. We think of every touchpoint with a customer as an opportunity to shine, keep existing customers happy and create a relationship that fosters growth. ...simple right?

We run a very low cost business model and pass these savings on to our customers, sure we could have a flashy building in the inner suburbs that you may visit .. one day and salesman driving around all day burning petrol, however why should you have to pay for that?

Dispatch

All goods dispatched from OLCT 99% of the time will be the same day payment is received. In general (be it post or airbag) goods are received within 2-3 days and can be tracked online at any stage. We have 2 main distribution facilities and satellite shipping centres around the country to reduce freight costs.

Refund Policy

OLCT is committed to providing exceptional customer service and quality products, with our dedication to customer service we hope to ensure that you make the right decision during purchase, We offer refund on purchase price only (no freight) if returned within 7 days if complete, undamaged and in original packaging



www.olct.co | info@olct.co | 0466 909 653