

IgnitionMATE



The complete ignition troubleshooter for all types of ignition systems – CDI, transistor, magneto, points – designed to trace an ignition problem on the vehicle, with engine being cranked or running.

Saves valuable service time & money – zoom in on the failed part or bad connection BEFORE disassembly or swapping out. The dual display allows measurement of two signals on the ignition circuitry of a single cylinder, ideal for tracing the origin of intermittent misfires.

The pick up caliper clips onto a spark plug lead for measurement of secondary coil voltage and SPARK current pulses. A separate low voltage input allows accurate measurement of very low voltage sensor signals and primary coil & AC-CDI charge coil voltage.

Powered by rechargeable internal batteries / supplied with carry case & necessary cable accessories.

IgnitionMATE DUO



Real time comparison of the same type of ignition signal on two cylinders with engine being cranked or running. Ideal for performance related trouble shooting on twin cylinder motorcycles; also possible to compare signals on cylinders of two different engines

Compare secondary coil voltage, secondary spark current or primary coil voltage / current; different selection possible with engine running. Identify which cylinder is not performing / causing a misfire and if problem is fuel or ignition related.

Precise and sensitive in measurement, yet robust and weather resistant. Powered by rechargeable internal batteries / supplied with carry case and necessary cable accessories.

Probulator



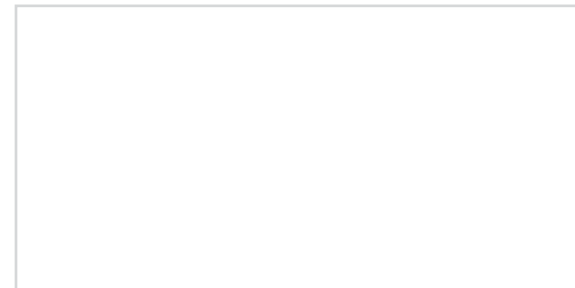
The scoop-shaped back-probes that make auto electrical trouble-shooting easy. The special shape avoids damage to insulation of in-line connectors.

Accessories

To view the accessories for Fuel & Ignition Products, please visit: www.tecmate.com
Click on **Fuel & Ignition**, then **ACCESSORIES**.



TecMate products are available from:



TecMate have been developing and manufacturing unique electronic products for the powersports and niche vehicle sectors for more than 12 years.

These products include automatic smart battery chargers, testers and diagnostic electronic tools.

TecMate products are in service in more than 45 countries worldwide and all carry a 2 year warranty.

For more details contact :

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VacuumMATE



The industry standard for fast and accurate synchronizing of 4x carburetor or FI throttle valves on 2 and 4 stroke engines.

3 in 1 – Intake synchronizer / Dynamic fault analyzer /Tachometer

Fixed resolution of 0.5 cmHg.

Smart valve diagnostics and wireless RPM measurement

2 models available:

WS - cost effective unit powered by any 12V battery

ME - includes internal rechargeable 1.5Ah NiMH battery.

Hook up 6 cylinders with the optional adapter (TS-221).

SynchroMATE



Precise synchronizing of 2x carburetors / F1 throttle bodies with built-in tachometer.

Offers accurate solid state electronic measurement at a cost no more than a set of quality dial gauges.

Built-in tachometer displays engine speed in RPM and absolute 'vacuum' pressure at the flick of a switch.

A single carburetor's absolute pressure can be verified and displayed on 40–60 cmHg scale.

Fixed resolution of 0.5cmHg.

Hook up 3 or 4 cylinders with the optional adapter (TS-220)

CarbMATE



The cost effective electronic replacement for mercury sticks. Solid state electronic measurement – won't break if you drop it!

Quick and easy synchronizing by direct comparison of a set of carburetors / FI throttle bodies.

A single green LED at the centre "Happy Face" indicates when the compared manifold vacuums are equal.

Ideal and affordable for the enthusiast!

Range adjustable from 2 to 0.5cmHg per LED.

Hook up 3 or 4 cylinders with the optional adapter kit (TS-220).

StandMATE



The shop caddy designed to hold TecMate diagnostic tools. Comes with a fuel tank suspension hook and small tool tray.

For use with IgnitionMate, Vacuumate, SynchroMate and other diagnostic tools.

Inclined tool holders are adjustable and rotate.

Moves easily on castors and assembles quickly without tools.