

Centaur Manufacturing Co. Limited

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Marketing Profile

For many years the automotive service industry has had available to it an array of equipment which has been of some help in setting engines to factory specifications. However, many times after the engine is turned to factory specs problems still exist. Seemingly little things, that have no relation to the factory specs, can upset the more demanding, critical and higher performance engines encountered in today's market.

Such problems as high speed misses, poor starting, rough idle, intermittent performance, etc. have resulted in a new approach to problem solving which is fast, accurate, and still requires only a minimum of instruction to the user of such test equipment. This requirement is met with the Centaur Ignition Analyzer which is a dynamic instrument being able to show a multitude of faults under a load condition which shows the circuit under test as a "Go or No Go" situation directly on the meter. As the same time changes in engine RPM or even dwell angle can be seen under load conditions.

This instrument is perhaps unique in that it does not require batteries or external power but derives activation from the engine under test (normally the 12v DC source). It is designed to pin-point problems in electrical circuits, whether in the primary (12v Ignition, battery connections, etc.) or the secondary high voltage (lead wire-coil, distributor and/or spark plugs).

While they do not see a market in the North American automotive sector it has been well received in the industrial market for industrial engines, fork lift trucks, for example. However, they have sold many of these instruments in markets outside of North America for both automotive and industrial applications. Beside the Tach/Dwell feature this instrument offers the condition of the primary and secondary circuits, and finally a load test of the engine itself while operating.

Products/Services Available for Export:
Diagnostic Ignition Analyzer