

MTS 5200 Engine Analyzer

Scope/Engine Diagnostics



One handheld solution for complete engine analysis

Comprehensive Engine Analysis

The MTS 5200 is the single solution to all your engine analysis needs. Now you can have the power of the “big box” analyzers in one portable hand-held tool.

4 Tools in 1

Graphing Multimeter/DVOM

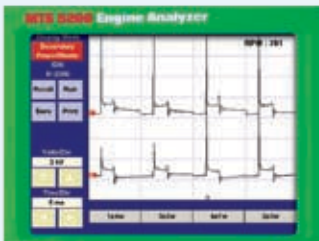


Base Kit

4-channel Oscilloscope

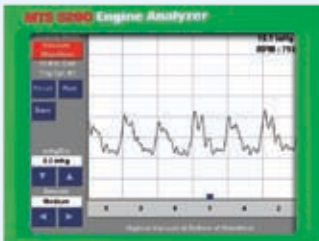


Ignition Analyzer



Ignition Package

Engine Analyzer



Mechanical Test Package

Start with the basic kit and build the MTS 5200 to fit your diagnostic needs.

MTS 5200 Engine Analyzer



Modular Design

Build the functions as they are needed to make a full function engine analyzer.

Start with a 4-channel oscilloscope and a graphing multimeter.



Next, add the ignition upgrade package and get primary and secondary ignition support.



Then, add the vacuum, pressure and failed cylinder test package and get a full complement of mechanical tests.

1 Auxiliary Connection
Expansion port provides connection for additional instrumentation such as vacuum and pressure probes.

2 Primary Ignition
Primary ignition connection supports high voltage (600 volt) input, which is compatible with all primary ignition signals.

3 Ignition Sync
Single BNC input connection for ignition trigger service – perfect for the #1 cylinder identification.

4 Secondary Ignition
Large screw-on secondary connector ensures a solid electrical connection.

5 Power Connection
12 volt power connection is up and out of the way. Power the analyzer from the vehicle, with AC/DC adapter or the internal battery pack (NiMH).

6 DVOM
DVOM connections up front allow easy lead attachment and use 3/4" spacing so all of your standard leads will work.

7 Color Display with Touchscreen
Large 8" high resolution color display with built-in touchscreen technology.

8 Brightness Adjustment
Brightness adjustment at your fingertips.

9 Local Area Network Port
Allows the MTS 5200 to interface to a PC via a fast ethernet link.

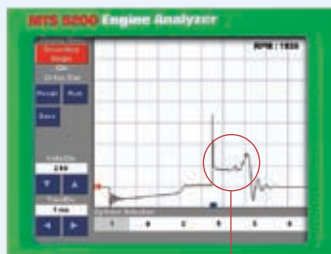
10 Communication Ports
Connects the MTS 5200 to other peripheral devices.

11 Hand Strap
Adjustable strap allows for secure, comfortable and safe handling of MTS 5200.

12 Rubber Cushion Protection
Durable side cushions protect the MTS 5200 from accidents.

Complex Problems...Simple Solutions

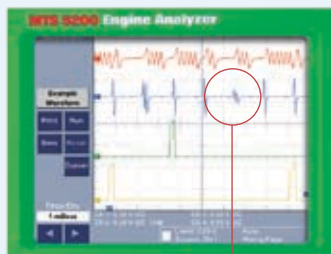
Coil On Plug



Good burn time

Painless COP diagnosis displays a waveform in three easy steps

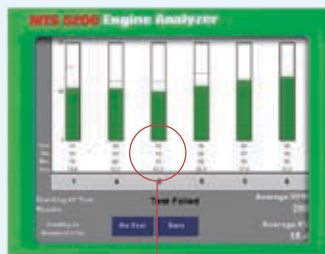
Multichannel Pinpoint Test



Faulty crankshaft position sensor

Simplified intermittent diagnosis multichannel sensor display

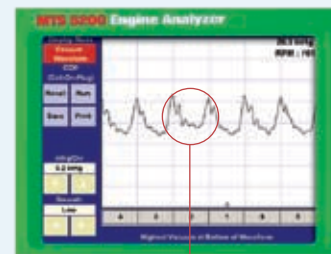
Cranking KV



Weak coil output

Efficient ignition analysis in less than 60 seconds

Vacuum Per Cylinder



Low vacuum on cylinder #2

Comprehensive mechanical testing includes vacuum, pressure and ignition KV