

INTELLIGENT INDUSTRIAL IGNITION ANALYSIS



The **AccuTek III**® provides you with a full range of diagnostic features. Immediately identify defective components and quickly evaluate your entire ignition system – from start to finish.

This hand held, battery operated analyzer is ideal in diagnosing problems with solid state ignition modules, ignition generators, coils, shielded and unshielded ignition harnesses, ignition powered instrumentation etc. The simple, step-by-step instruction manual and training video guide you through a complete ignition system analysis.

Engine down time costs big money and ignition components are expensive.

Getting your engine back on line is essential.

Immediately identify defective components and quickly evaluate your entire ignition system - from start to finish.

Eliminate the 'hit or miss' approach when it comes to ignition system problems.

Features:

- Easy to use
- Simple, step by step manual and video
- Small, hand held design
- Battery operated (4 AA cells)
- Liquid crystal display for visual feedback
- Lo battery indication
- Rugged, high impact case

Benefits:

- Extensive ignition module/ignition generator analysis
- Determine if components are failing before they fail
- Testing of ignition coils, extensions, ignition harnesses etc.
- Missing pulse detection
- Instrument and control panel testing



INNOVATIVE TECHNICAL SOLUTIONS INC. 

AccuTek III®

Microprocessor Based Ignition Analyzer

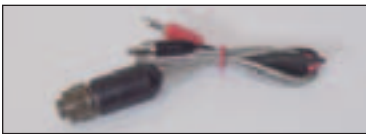
The Missing Pulse detector allows the operator to connect the **AccuTek III®** analyzer to any individual primary lead or to the shutdown lead. The **AccuTek III®** analyzer "learns" the engine firing pattern and alerts the user if the ignition system is not operating properly. This feature is very useful in determining if an intermittent misfire is caused by your ignition system or through other causes such as fuel or mechanical problems.



The Instrument Test feature allows the operator to supply power to most capacitive discharge ignition powered instruments or devices. This allows the operator to power a panel and perform troubleshooting tests to the panel without starting the engine. The output voltage from the **AccuTek III®** is adjustable from approximately 100 to 350 VDC at a highly accurate, crystal controlled, 60 Hz. This highly stable 60 Hz output can also be used to verify tachometer accuracy.

24T-ALT and shielded test leads sold separately.

AccuTek III® Accessories



24BP-ALT
Used for testing Altronic®, 3 pin shielded coils



24BP-CAT
Used for testing Caterpillar® EIS coils



24T-ALT
Inserted between primary lead and shielded or flange mounted 3 pin coils



24BP-FM
Used for testing Fairbanks Morse/Holley® 2 pin shielded coils

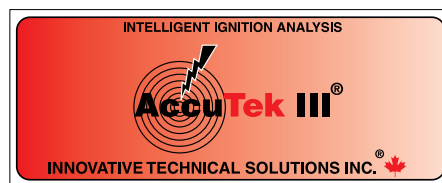


24BP-BS
Used for testing Bosch®, 2 pin shielded coils

These accessories provide a means of conveniently testing the performance of shielded and unshielded ignition coils for problems such as high voltage insulator breakdown, low secondary output, coil primary resistance etc.

The **AccuTek III®** Ignition Analyzer is all you need to fully diagnose shielded and unshielded ignition system performance. Features include Energy Output, Peak Voltage and Transfer. The **AccuTek III®** also acts like an ignition source, providing full evaluation of shielded and unshielded ignition coils, secondary leads, extensions and other tests. Additional features of the **AccuTek III®** include high voltage (approximately 200 to 900 volts) insulator integrity testing (Leakage), Missing Pulse detection and the ability to test capacitive discharge powered instruments.

The **AccuTek III®** is supplied with a high quality 12" x 10" x 4" custom carry case complete with unshielded test leads. Shielded, industrial ignition coil test leads are also available.



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