

Intelligent Ignition System Analysis



Ignition system maintenance is tough, time consuming and expensive. Failed or failing ignition components can be difficult to identify and will also result in equipment damage, emissions non-compliance and costly penalties. The Accutek III ignition analyzer is specifically designed to fully diagnose ignition systems for industrial spark ignited engines..

The Accutek III performs entire ignition system diagnostics testing quickly, easily and thoroughly without the need for shutting down the engine. Furthermore, the Accutek III has the ability to detect problems that are not readily obvious or easily identified, plus it resolves the situation before the problem escalates.

A failing ignition system can be almost impossible to detect. It results in the loss of your peak ignition and engine performance and will reduce spark plug life, accelerate catalyst failure and increase engine emissions non-compliance.

Now is the time to eliminate costly and time consuming parts swapping and loss of performance. Immediately identify defective or failing ignition components quickly, easily and professionally with the Accutek III.

Exhaust Emission Testing has Become a Critical Part of Engine Maintenance

Count on the Accutek III to fully evaluate shielded and unshielded ignition coils, secondary leads, extensions and other components. The **Energy**, **Peak Voltage** and **Transfer** functions are the most powerful and unique features of the Accutek III. These functions allow you to evaluate the ignition system without disrupting the operation of your engine in any way.

Deterioration of your ignition system starts the moment the system is installed. Oxidization at connections, pinched, burned or rubbing wires, failed coils, extensions or ignition modules will result in emissions non-compliance, engine and catalyst damage. An estimated 70% of catalyst failures in rich burn engines are caused by ignition related problems. The Accutek III will detect these problems before they can affect your engine performance and your bottom line.

Here's how we do it:

The Accutek III Comes Complete with:

- Hand-Held Diagnostic Unit
- Rugged, High-Impact Carrying Case
- Battery operated (4 AA batteries)
- Low Battery Indicator
- Easy, Step-by-Step Instruction Manual
- Simple, Informative Training Video
- Intuitive Quick Reference Guide (Laminated)
- Optional Shielded Ignition Test Leads

Advantages of The Accutek III:

- Proactive Ignition System Maintenance
- Extensive Ignition Module and Magneto Analysis
- Tests Coils, Secondary Leads, Extensions, and more.
- Ignition Harness (Wire Insulation) Testing
- Ignition Powered Instrument and Control Panel Testing

T-ALTL and shielded test leads sold separately.



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AccuTek III[®] Accessories

Optional Shielded Test Leads and Adapters

The optional accessories provide an effective means to quickly and conveniently test the performance of shielded and unshielded ignition systems.



24BP-ALT
For Altronic[®], 3 pin shielded coils



24BP-CAT
For Caterpillar[®] EIS coils



24BP-FM
For Fairbanks Morse/Holley[®] 2 pin shielded coils



24BP-BS
For Bosch[®], 2 pin shielded coils



T-ALTL
This adapter has breakout connections allowing the user the ability to interrogate the ignition system without damage. A convenient timing loop is included for additional convenience.

**You Know that Engine
Down Time and Repairs
are Very Costly.**

**Getting Your Equipment
Back Online is Essential.**

The Accutek III is Your Answer.

The Accutek III is capable of supplying approximately 250 to 850 volts in the Leakage mode. This enables the user the ability to safely test shielded or unshielded ignition harnesses for electrical Leakage from worn or damaged wire insulation.

The highly advanced Missing Pulse feature allows your operator to connect the Accutek III analyzer to any ignition coil or to the shutdown lead in order to 'learn' the engine's firing pattern and alert you if the 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 will supply voltage to ignition powered devices allowing the operator to troubleshoot your control system without even starting the engine.



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Intelligent Ignition System Analysis



Now we have the answer to your
Reciprocating Engine
Downtime and Repair Costs

