NEW PRODUCTS

NEWLY RELEASED PRODUCTS

76500 Ignition Coil Tester
20575 ABS+ Sensor Tester
75200 Auto Wave II
75300 Sec Ignition Pickup

LOOK FOR LINKS FOR MORE INFORMATION AND DEMONSTRATION VIDEOS ON PRODUCT PAGES

SPECIAL OFFERS & CLOSEOUTS

Special Product Offers
75000 Auto Wave Bundle

Product Closeouts
61901 Heavy Duty Adpt Kit
Brakes and ABS Diagnostic Tools
- 20575 ABS+ Sensor Tester
- 20560 ABS Sensor Tester

Circuit Testers
- 75200 Auto Wave II
- 75300 Sec Ignition Adpt
- 75000 Auto Wave
- 76600 HI-VIS VoltPRO
- SST42V LED Test Light

Cooling System Test & Adapter Kit
- 62968 CSTHD Test & Adpt

Diesel & Medium to Heavy Duty Vehicle Diagnostic Tools
- 75200 Auto Wave II
- 75300 Sec Ignition Adpt
- 75000 Auto Wave
- 48365 Press Pro PC 5000
### Diesel & Medium to Heavy Duty Vehicle Diagnostic Tools (continued)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>77300</td>
<td>Flex Probe Kit</td>
</tr>
<tr>
<td>76600</td>
<td>HI-VIS VoltPRO</td>
</tr>
<tr>
<td>77266</td>
<td>Pro Probing Kit</td>
</tr>
<tr>
<td>20560</td>
<td>ABS Sensor Tester</td>
</tr>
<tr>
<td>20575</td>
<td>ABS+ Sensor Tester</td>
</tr>
</tbody>
</table>

### Emissions Testing Equipment

(please contact the appropriate Government Agency to identify which fuel cap testing equipment is approved for your State/County emissions testing program.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>FPT2600EX1</td>
<td>Fuel Cap Kit</td>
</tr>
<tr>
<td>FPT2600E</td>
<td>Fuel Cap Tester</td>
</tr>
<tr>
<td>FPT25-16</td>
<td>Fuel Cap Set</td>
</tr>
<tr>
<td>FPT25-16U</td>
<td>Fuel Cap Set</td>
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### Engine & Driveability Diagnostic Tools

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>76500</td>
<td>Ignition Coil Tester</td>
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<tr>
<td>75200</td>
<td>Auto Wave II</td>
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<tr>
<td>75300</td>
<td>Sec Ignition Adpt</td>
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<tr>
<td>75000</td>
<td>Auto Wave</td>
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<tr>
<td>48365</td>
<td>Press Pro PC 5000</td>
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<tr>
<td>76564</td>
<td>COP Interceptor</td>
</tr>
<tr>
<td>78065</td>
<td>PWM Power Pro</td>
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<tr>
<td>48065</td>
<td>Digital Fuel Inj Kit</td>
</tr>
<tr>
<td>77300</td>
<td>Flex Probe Kit</td>
</tr>
<tr>
<td>76760</td>
<td>kV/Arc Quick Probe</td>
</tr>
<tr>
<td>76562</td>
<td>COPVS Quick Probe</td>
</tr>
<tr>
<td>76462</td>
<td>UEFI Quick Probe</td>
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<tr>
<td>48165</td>
<td>Digital Press Gauge</td>
</tr>
<tr>
<td>BPT02</td>
<td>Back Press Test Kit</td>
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</tbody>
</table>
**Test & Jumper Leads**

- 77300  Flex Probe Kit
- 77266  Pro Probing Kit
- 77001  Alligator Clip Set
- 77003  Banana Plug Set
- 77012  Magnetic Gnd Lug
- 77205  Micro Adpt Set
- 77203  Round Adpt Set
- 77202  Spade Adpt Set
- 77201  Pro Probing Kit

**Test Lead Accessories**

- 77012  Magnetic Gnd Lug
- 77001  Alligator Clip Set
- 77003  Banana Plug Set
- 77004  Wire Piercing Set
- 77005  4” Flex Probe Set

*HICKOK WAEKON*
IGNITION COIL TESTER

INSTANTLY VERIFY AN ACTIVE OR INACTIVE COIL, NON-INTRUSIVE QUICK CHECK TOOL.

Easy to use and saves time. Instantly verify an active or inactive ignition coil by simply placing the sensing tip near the coil while engine is cranking or running at idle. During normal operation, an ignition coil creates an open magnetic field each and every time the coil is energized. By placing the sensing tip of the tool near or against the ignition coil, a blue LED will illuminate each time a magnetic field is detected.

Quickly test coil on plug, coil near plug and coil pack ignition systems without any disassembly. Save time by using the pocket sized tester to identify spark related problems on combustion engines.

Easy To Use
Quick, easy testing. Non-intrusive, quick check tool instantly verifies active or inactive coil operation.

Versatile
Designed for versatile testing. Tool can be used to test coil on plug, coil near plug and coil pack systems.

Specifications
- Power supply: 2x AAA (LR03) battery
- Sensitivity: 300 Gauss (30mT)
- Operating temperature: 14 to 122˚F
- Operating humidity: <80%
- Overvoltage: CAT III 1000V AC

Kit Includes
- Ignition Coil Tester
- Selt test magnet cap
- (2) AAA (LR03) battery

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WARNING: This product can expose you to chemicals including styrene which is known to the state of California to cause cancer, birth defects or other reproductive harm. For more information, go to https://oehha.ca.gov/proposition-65.
ABS SENSOR & SIGNAL TESTING IN THE SERVICE BAY, NO ROAD TEST REQUIRED.

Easy to use and saves time. The only hand-held ABS wheel speed sensor tester that allows you to easily test Passive, Active or Active Directional wheel speed sensors without a scan tool and road test. Scan tools may process sensor data too slow to see a problem.

Test the ABS wheel speed sensor’s voltage output signal independently right in the service bay, including the "standstill" or "alive" signal from an Active Directional Sensor. Determine if it’s the sensor or another component of the ABS system causing the problem. Put an end to distracted driving while trying to read wheel speed sensor data on a scan tool. Save time and be safe by testing ABS sensors in the service bay to get the job done.

Save Time
Work in the service bay and safely test wheel speed sensors on a lift.

Easy To Use
Directly connect to the ABS wheel speed sensor with terminal flex probes. One button operation.

No Software Updates
Scan tools require costly updates for ABS diagnostic coverage.

Kit Includes
- Rugged storage case
- ABS+ tester main unit
- Banana plug connector cable
- (2) Terminal alligator flex probes
- (2) Terminal round medium female
- (2) Terminal round small female
- (2) Terminal spade small female

hickokwaekon.com
Toll Free 800-342-5080

MORE PRODUCT INFORMATION
AUTO WAVE II

AUTO-SETTING WAVEFORM VIEWER. EASY-TO-USE, PORTABLE, 2 CHANNEL AUTOMOTIVE OSCILLOSCOPE.

Simplifying waveform diagnostics. Technicians now have the ability to easily view sensitive computer signals that scan tools can’t with a portable, easy-to-use tool. No more expensive, clunky add-on scan tools or PC required scopes to get the job done fast. Discover just how easy and powerful waveform diagnostics can be. There is no easier, faster way to view secondary ignition or current ramping waveforms.

No oscilloscope experience is required with the Auto-Set feature automatically setting the voltage and time scales so anyone can view waveforms.

Auto-Set Feature
The Autowave II can automatically set the voltage and time scales on any signal or voltage for easy waveform viewing. No experience required.

Portable
The unit is battery operated and is stand alone with a flexible kick stand/hanger for optimum handling in any automotive workspace.

Quick Set Up
Simply turn the unit on and probe any signal or voltage to view a waveform in seconds. Choose the appropriate connection from the included accessories.

2 Channel
2 Channels provide the ability to view crank and cam signals at the same time. View High and Low speed CAN protocols to verify integrity of vehicle network communications.

Kit Includes
• Rugged storage case
• Autowave II main unit
• (2) Red test leads
• Black test lead
• USB cable
• (2) Flexible back probe pins
• (2) Lantern tip test leads
• (3) Alligator clips

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Toll Free 800-342-5080

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AUTO-SETTING WAVEFORM VIEWER. EASY-TO-USE, PORTABLE, 2 CHANNEL AUTOMOTIVE OSCILLOSCOPE.

Simplifying waveform diagnostics. Technicians now have the ability to easily view sensitive computer signals that scan tools can’t with a portable, easy-to-use tool.

- **Voltage Input Range**: 200V P/P (viewable on LCD)
- **Input Impedance**: 100K ohms
- **Sample Rate**: 1 Ms/Sec @ 100uS/Division
- **Voltage resolution**: 1024 points (10-bit)
- **Peak Detect**: 2uS resolution on all ranges below 100uS
- **Volt Meter**: +/-200 VDC, True RMS 150 VAC
- **Accuracy**: +/-2% FS (per range)
- **Current**: 90 mA
- **Voltage Resolution**: 1mV (1V range)
- **Voltage Ranges P/P**: 200V, 100V, 50V, 20V, 10V, 5V, 2V, 1V
- **Untriggered Ranges**: 20S, 15S, 10S, 5S, 2S, 1S, 500mS, 200mS, 100mS
- **Triggered Ranges**: 50mS, 20mS, 10mS, 5mS, 2mS, 1mS, 500uS, 200uS, 100uS
- **Zoom**: 20X zoom in to 1/20 zoom out (range dependent)
- **Sample Depth**: 4096 sample buffer (min/max storage)
- **Storage**: up to 9999 waveforms
- **Bitmaps**: Color 4096x1024 pixels & 320x240 pixels
SECONDARY IGNITION PICKUP (SIP)

YOUR WINDOW INTO THE COMBUSTION CHAMBER

Safe, Accurate and Efficient
• The high impedance active pickup acquires high voltage waveforms.
• Works on Secondary Ignition wires and COP ignition systems.

Easy Access
• Long flexible probe for hard to reach ignition systems.

COP SNAPSHOT

T= 600 µS
V= 160mV

SECONDARY WIRE SNAPSHOT

T= 1.2 ms
V= 200mV

The Secondary Ignition Pickup is specifically designed to work with the Auto Wave and Auto Wave II

Kit Contents:
SIP Main Unit COP, Pickup Paddle Adapter, Secondary Ignition Wire Adapter, and soft sided zipper pouch.

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Made in USA

hickokwaekon.com
Toll Free 800-342-5080
Auto Wave is an auto setting portable one channel oscilloscope. Auto adjusting time/voltage scales and quick setup allow instant viewing of waveforms on today's advanced electrical systems.

**Auto Set Feature**
Automatically sets time and voltage scale adjustment for the signal or voltage being viewed.

**Zoom and Pan**
Adjust the view of the signal for a more detailed waveform.

**4 GB Micro SD Card**
Save waveform snapshots for later review on the tool or a PC.

**Accurate Readings**
Sample rate up to one million samples/second.

**Color LCD Display**
Easy viewing of waveform time and voltage scale.

**IGNITION SYSTEMS**

**FUEL INJECTIONS**

**MASS AIR FLOW**

**OXYGEN SENSOR**

**CRANK AND CAM**

**AND MUCH MORE...**

**THROTTLE POSITION SENSOR**

**PULSE WITH MODULATED COMPONENTS**

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**WARNING:** This product can expose you to chemicals including styrene which is known to the state of California to cause cancer, birth defects or other reproductive harm. For more information, go to www.oehha.ca.gov/proposition-65
**TAKE THE HASSLE OUT OF OSCILLOSCOPE DIAGNOSTICS**

Auto Wave is an auto setting portable one channel oscilloscope. Auto adjusting time/voltage scales and quick setup allow instant viewing of waveforms on today's advanced electrical systems.

- **Voltage Input Range**: +/−150 V (approx. 170 V P/P viewable on LCD)
- **Input Impedance**: 100 K ohms
- **Sample Rate**: 1 Ms/Sec @ 100 μS/Division
- **Voltage resolution**: 1024 points (10-bit)
- **Peak Detect**: 2 μS resolution on all ranges below 100 μS.
- **Volt Meter**: +/−150 V DC
- **Accuracy**: +/−2% FS (per range)
- **Current**: Approx. 50 mA
- **Voltage Resolution**: 1 mV (1V range)
- **Voltage Ranges**: 150 V, 100 V, 50 V, 20 V, 10 V, 5 V, 2 V, 1 V
- **Trend Time Ranges**: 0 S, 15 S, 10 S, 5 S, 2 S, 1 S, .5 S, .2 S, .1 S
- **Camera Time Ranges**: 50 mS, 20 mS, 10 mS, 5 mS, 2 mS, 1 mS, 500 μS, 200 μS, 100 μS.
- **Zoom**: 20X zoom in to 1/20 zoom out (range dependent)
- **Sample Depth**: 4096 sample buffer (min/max storage)
- **Storage**: up to 9999 waves on SD card
- **Bitmaps**: Color 220X176 pixels – saved on SD card
COIL-ON-PLUG IGNITION DIAGNOSTICS
OVER AND ABOVE SCAN TOOLS.
SIMPLE TO USE OSCILLOSCOPE ACCURACY!

The COP Interceptor measures, displays and can save each coil-on-plug’s secondary ignition data in real time for detailed ignition analysis. View trend data for visual verification of intermittent misfire that may not set codes.

The Auto-set function means COP Interceptor works on multiple styles of COP ignition systems. The 6’ cable with 9” probe (2 1/2” bendable arm) allows access to those hard to reach COPs.

Easy two button operation
Simple to operate while providing advanced ignition data.

Misfire counter and indicator
Catch intermittent problems that don’t set a Diagnostic Trouble Code.

Auto-set gain calibration
Calibrates itself to provide the most accurate data for multiple styles of COP ignition system.

Real-Time kV and mS
Measures secondary circuits breakdown voltage and arc/burn duration time individually as they happen.

No COP removal required:
Save time and test COP ignition under true operating conditions.
REAL-TIME SECONDARY COP IGNITION ANALYSIS AND MISFIRE DETECTION

**REAL-TIME DATA DISPLAY**
SECONDARY BREAKDOWN (kV) & ARC / BURN DURATION (mS)
MISFIRE INDICATOR

- Breakdown Voltage Measurement Range: +/- 30 kV
- Arc Duration Measurement Range: 0.3-5.0 mS
- Resolution: 0.1 kV and 0.01 mS
- Multi-Strike Ignition: First kV event, Last mS event are displayed
- Misfire Detection: Functional from 240-4000 RPM
- Voltage Supply: 9V Battery (8-10 VDC)

**SAVE UPTO 8 CYLINDERS OF IGNITION DATA**
PROVIDES DETAILED BAR GRAPH FOR COMPARATIVE ANALYSIS

**REAL-TIME GRAPHICAL AND NUMERICAL DATA**
128 IGNITION EVENTS DISPLAYED
REAL-TIME MISFIRE COUNTER

**Kit Contents:**
COP Interceptor Main Unit, 6’ Probe Cord, 9” Probe with 2 1/2” bendable arm, (2) Signal Receiver Pads (High/Low), 9 Volt Battery, & Soft Zipper Case

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WARNING: This product can expose you to chemicals including styrene which is known to the state of California to cause cancer, birth defects or other reproductive harm. For more information, go to https://oehha.ca.gov/proposition-65.
HIGH PERFORMANCE PRESSURE MEASUREMENTS ON YOUR PC

Accurate pressure measurements are more critical now than ever. Increase your diagnostic accuracy by viewing live pressure readings in Gauge (Analog & Digital) and Waveform formats all at once on your PC.

PRESET PRESSURE RANGES FOR:
COMPRESSION
AIR CONDITIONING
TRANSMISSION
POWER STEERING
BRAKES
HYDRAULICS

(0-5000 psi operating range)

Download interactive demo software below!

Zoom Pan features for in-depth analysis

Simple point and click operation

Set markers during recording to locate specific symptoms

Measures in psi, Bar or Kpa

Live data displayed in waveform and gauge formats

Preset pressure ranges

Record, Save, and Playback up to 30 minutes of data

Sample Rate: 1000 sample/sec.

Kit Contents:
Pressure transducer pill (0-5000 psi), 12" Extension hose, 15' UBS cable, and PC application CD

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WARNING: This product can expose you to chemicals including styrene which is known to the state of California to cause cancer, birth defects or other reproductive harm. For more information, go to https://oehha.ca.gov/proposition-65
A LARGE ASSORTMENT OF MATCHING MALE AND FEMALE SPADE, ROUND AND MICRO TERMINAL FLEXIBLE PROBES

The kit includes universal multi-meter leads with male banana plug ends for hands free solid connection and testing. The flexible probes are a perfect fit for most transportation industry connector pins providing safe diagnostic testing for today’s complex computer and electrical systems without piercing wires.

Perfect fit for pin-out testing modules and wire harness connectors.

Micro pins fit newer vehicles with much smaller connectors*

Kit Contents

Round Flex Probes (Yellow Boot):

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 Male/Female</td>
<td>.11&quot;</td>
<td>Green Extra Large Round</td>
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<tr>
<td>2 Male/Female</td>
<td>.075&quot;</td>
<td>Orange Medium Round</td>
</tr>
<tr>
<td>2 Male/Female</td>
<td>.06&quot;</td>
<td>Gray Small Round</td>
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Spade Flex Probes (Yellow Boot):

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<tr>
<th>QTY</th>
<th>SPECS</th>
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</thead>
<tbody>
<tr>
<td>2 Male/Female</td>
<td>.02&quot; x .09&quot;</td>
<td>Blue Extra Small Spade</td>
</tr>
<tr>
<td>2 Male/Female</td>
<td>.0591&quot; x .0315&quot;</td>
<td>Purple Small Spade</td>
</tr>
<tr>
<td>2 Male/Female</td>
<td>.12&quot;</td>
<td>Yellow Medium Spade</td>
</tr>
<tr>
<td>2 Male/Female</td>
<td>.25&quot; x .032&quot;</td>
<td>White Large Spade</td>
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Micro Mate Flex Probes (Black boot):

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<tbody>
<tr>
<td>2 Male/Female</td>
<td>.025&quot;</td>
<td>Black Micro Square</td>
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<tr>
<td>2 Male/Female</td>
<td>.025&quot; x .039&quot;</td>
<td>Red Micro Spade</td>
</tr>
<tr>
<td>2 Male/Female</td>
<td>.030&quot;</td>
<td>Blue Micro Round</td>
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<tr>
<td>2 Male/Female</td>
<td>.039&quot;</td>
<td>Green Micro Round</td>
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</table>

Accessories

<table>
<thead>
<tr>
<th>QTY</th>
<th>COLOR/DESCRIPTION</th>
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</thead>
<tbody>
<tr>
<td>1 Black Universal Multi-Meter Test Lead</td>
<td></td>
</tr>
<tr>
<td>1 Red Universal Multi-Meter Test Lead</td>
<td></td>
</tr>
<tr>
<td>2 Gold Dual Banana Plug Tee Adpt</td>
<td></td>
</tr>
</tbody>
</table>

*Designed to be a perfect fit for the new smaller module and connector pins that many OEM’s are now using on their vehicles.
ABS SENSOR PINPOINT TESTER

THE QUICKEST MOST COMPREHENSIVE WHEEL SPEED SENSOR DIAGNOSTIC TESTER AVAILABLE!

The ABS Sensor Pinpoint Tester is the quickest way to verify proper wheel speed sensor operation. Simply connect the tester to the sensor and spin the wheel.

WORKS ON ALL OLD AND NEW STYLE WHEEL SPEED SENSORS
IDENTIFY PROBLEMS DVOM’S WILL MISS
IDENTIFY SENSOR SHORTS OR OPENS
VISUALLY VERIFY SENSOR SIGNAL OUTPUT
SIGNAL SIMULATION ENABLES EASY WIRE HARNESS TESTING

The parade of LED’s provide visual confirmation of signal output
The signal error LED indicates erratic or intermittent signal output.

When used with a scan tool that provides wheel speed sensor data
The signal simulation feature simplifies pinpointing wire harness problems.

Kit Contents:
Main unit, (14) Male/Female Flex Probe Adapters, (2) Alligator Clips Flex Probes, & (3) Test Leads Set

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HEAVY DUTY COOLING SYSTEM TESTER

FOR LARGE OVER-THE-ROAD TRUCKS

CST’s high quality easy to use design eliminates potential leak issues with rubber plugs or bladders, reduces set up time and quickly pressurizes and maintains system pressure so you can find the leak the first time.

ONE PIECE ALL ALUMINIUM ADAPTERS THAT LAST A LIFETIME

QUICK DISCONNECT HOOK-UP DESIGN MINIMIZES SET UP TIME

USES SHOP AIR TO MAINTAIN CONSTANT SYSTEM PRESSURE

LIFETIME WARRANTY ON ADAPTERS

Compatible with:

FREIGHTLINER  PETERBILT
INTERNATIONAL  MACK
VOLVO  STERLING
GMC  KENWORTH

62968 Kit Contents:

5 Machined aluminium adapters, “A” Spindle adapter, Pressure test regulator, 5’ Pressure release hose, & Blow Molded Storage, case.

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HI-VIS VOLT PRO

MEASURE VOLTAGE DROP WITH AN EASY TO USE, SINGLE HANDED TESTER.

High visibility, simple to use, one handed dynamic voltage testing. Indicates Power and Grounds. Test the circuits ability to deliver current and identify loose, corroded or broken wires. Capture intermittent spikes or drops in voltage. Take Voltage Snapshots in any mode, any time.

Kit Includes
- VoltPro
- 4” Probe Extension
- 2’ Battery Adapter
- Zippered Storage Case

Specifications
- Range: 0-99.9 VDC
- Accuracy: +/- 1% full scale
- Resolution: 0.1 VDC
- Sample Rate: 100/sec

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GET AMP’D! RAMP UP YOUR DIAGNOSTICS
DRIVE BOTH PWM AND DC MOTORS, ACTUATORS, AND SOLENOIDS

SAVE TIME – TEST THE COMPONENT FIRST
Current diagnostic routines dictate time consuming circuit testing and NEVER test the component.

More and More of today’s vehicles are using Pulse Width Modulated motors, actuators and solenoids. You can’t simply test them by directly applying 12 volts. This can cause expensive misdiagnosis.

PWM Power Pro is simple to connect and use. Save time, use the only tester capable of accurately driving both DC and PWM components on today’s complex vehicles.

Drive:
FUEL PUMPS  HVAC BLOWER MOTORS/ BLEND DOORS  EGR/EVAP SOLENOIDS
COOLING FANS  DRIVE-BY-WIRE ACTUATORS

• Drive both PWM and DC components
• Delivers 0-40 Amps
• 0-100% Adjustable drive
• Drive connected or disconnected components
• Display actual current draw

Kit Includes:
Main unit w/7’ cables, (2) 3’ 40A Test Leads, (2) Battery clips, (2) Alligator clips, (2) Female spade probes, & (1) Male spade probe.
FPT FUEL CAP PRESSURE TEST KITS

ELECTRONICALLY CHECK A FUEL CAP’S ABILITY TO HOLD PRESSURE.

FPT2600EX1 Fuel Cap Pressure Tester Kit. Inspection grade fuel cap test kit designed for use in State Inspection and Maintenance programs.*

FPT2600E is a hand-held tester that electronically checks a fuel cap’s ability to hold pressure. Brightly colored LEDs indicate NO LEAK, PASS, or FAIL test results in seconds, eliminating guesswork and making it easier to use than other test methods.

Electronically test fuel caps ability to hold pressure to EPA standards. The tester provides Pass/Fail test results in 10 seconds.

DURABLE MACHINED ALUMINIUM ADAPTERS
ADAPTERS BACKED BY A LIMITED LIFETIME WARRANTY

*Please contact the appropriate Government Agency to identify which Fuel Cap Testing equipment is approved for your State/County Emissions Testing program.

FPT2600EX1 Fuel Cap Pressure Tester Kit Contents:

FPT2600E Fuel Cap Pressure Tester Kit Contents:
Battery operated hand held tester, Black cap adapter & Instruction Manual.

HICKOK WAEKON Fuel Cap Testers with the FPT25-4 black adapter that is included in the equipment, works with any Stant Fuel Cap Adapter including the Pass and Fail standard caps.

If you need to order additional fuel cap adapters to update your kit to the current requirements, please contact Hickok Waekon Customer service (1-800-342-5080) for pricing and delivery.
FPT FUEL CAP ADAPTER SETS

FOR USE WITH ANY HICKOK WAEKON FUEL CAP PRESSURE TESTER.

FPT25-16 Fuel Cap Adapter Set meets EPA recommended fleet coverage*

DURABLE MACHINED ALUMINIUM ADAPTERS
INCLUDES VEHICLE LOOKUP TABLES FOR QUICK AND EASY ADAPTER SELECTION
BACKED BY A LIMITED LIFETIME WARRANTY

*Please contact the appropriate Government Agency to identify which Fuel Cap Testing equipment is approved for your State/County Emissions Testing program.

FPT25-16 Fuel Cap Adapter Set Contents:

FPT25-16U Fuel Cap Adapter 2016 Update Set Contents:

If you need to order additional fuel cap adapters to update your kit to the current requirements, please contact Hickok Waekon Customer service (1-800-342-5080) for pricing and delivery.
DIGITAL FUEL INJECTION MASTER KIT

A COMPREHENSIVE FUEL INJECTION PRESSURE TEST KIT

Today’s vehicles require tighter fuel pressure tolerances, some as little as +/- 2 psi. Many fuel related problems are only identifiable using digital accuracy.

PRECISELY CALIBRATED TO OEM SHOP MANUAL STANDARD

IDEAL FOR ROAD TESTING

100% ADAPTER COVERAGE

PROPER ADAPTERS, INCLUDING LATE MODEL APPLICATIONS

DIGITAL ACCURACY

The most accurate fuel injection pressure test kit available!

Kit Contents:

- Digital Pressure Gauge
- Fuel access hose assembly
- Valved thumb hose adapter
- 5/16” Female quick connect adapter
- 3/8” Female quick connect adapter
- M11 In-line adapter
- M16 In-line adapter
- Stepped tee adapter
- FIGMAB Washer/o-ring kit
- (2) Metric 6x1x50 hex bolts
- F14B 7/16” JICxM14 fitting
- F15B 7/16” JICxM14 fitting
- F38 7/16” JICxM12 fitting
- 5/8” Male spring lock adapter
- 5/8” Female spring lock adapter
- 5/16” Male quick connect adapter
- 3/8” Male quick connect adapter
- M6x1.0 Male adapter w/o-ring
- M8x1.0 Male banjo adapter
- M10x1.0 Male banjo adapter
- M12x1.5 Male banjo adapter
- 1/4” Slip on hose barb fitting
- 3/8” Slip on hose barb fitting
- M14x1.5 Male adapter
- M12x1.25 Male banjo adapter
- Rugged plastic storage case
- Limited lifetime warranty on all hard parts

hickokwaekon.com
Toll Free 800-342-5080

HICKOK WAEKON

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HEAVY DUTY DIGITAL GAUGE WITH REMOTE READOUT

The Universal Digital Vacuum/Pressure Gauge with a remote readout is designed to test various automotive systems such as fuel, transmission, or oil pressure. It is perfect for road testing since the remote readout is easily located inside the vehicle.

Versatile and accurate - 30 inHg to 350 PSI digital gauge, +/-1% accuracy – for use when testing fuel, oil, or transmission line pressure on both gasoline and diesel engines. Fits most popular pressure test kit adapters.

Heavy duty molded case and digital readout
More robust than analog gauges, no mechanical parts to go out of calibration.

Remote Readings-Fluids stay at test point
The 10’ cord enables the readout to be inside the vehicle while fluids remain outside. No taping gauges to the window or worrying about leaks.

Min/Max feature
Captures road-test pressure drop-outs.

Digital accuracy
Provides fast repeatable results during injector pressure drop tests.

Large back-lit readout
Offers superior readability in low lighting or sunlight.

Displays PSI, KPA, inHg, and BAR
No need for converting measurements.

Kit Contents
• Remote digital pressure gauge
• Ford fuel schrader adapter
• GM/Chrysler fuel schrader adapter
• 1/8" Male NPT to quick connect male adapter
• Female quick connect fitting fits most popular fuel and transmission pressure test kits.
• 1/8” NPT transducer termination for easy adaptability
• Rugged plastic storage case
Quickly test exhaust back pressure and clogged or obstructed catalytic converters. Three stage adapter has 12MM & 18MM thread sizes to fit most domestic and import vehicles oxygen sensor ports.

The standard 1/4"-20 tip provides the ability to test through the exhaust pipe when O2 sensor ports are inaccessible. High temperature silicon hose prevents damage to tester from high exhaust temperatures.

*Pipe tap set not included.

3 Stage adapter
Access most common O2 sensor ports or self tap access.

Adapter flange
Access common Toyota style O2 sensor ports.

Removable 6" high temp silicone tube
Easy to install 3 stage adapter.

0-15 PSI Gauge with 2-1/2 face
Accurate, easy to read pressure within a 1/2 PSI.

Kit Contents
• 0-15 PSI Gauge
• 6" High temp silicone tube
• 3 Stage adapter
• Flange adapter

MORE PRODUCT INFORMATION

hickokwaekon.com
Toll Free 800-342-5080
UNIVERSAL EFI QUICK PROBE

QUICK DETECTION OF ELECTRONIC FUEL INJECTOR FUNCTIONING ON GAS OR DIESEL ENGINES

There’s no faster way to detect electronic fuel injector functioning on any engine, gas or diesel. No hunting for injector wires to test at the connector or injector removal required. The probe is specifically designed to detect the vibrations emitted when the electronic injector fires.

Simply press the 7” long probe tip against the injector body, adjust the sensitivity using the thumb-wheel and the bright LED strobe will flash each time the injector opens and closes. The strobe allows the you to determine if the injector is firing consistently, misfiring or not firing at all.

Works on gas and diesel engines

Kit Contents

• Super bright LED strobe
• 7” Removable probe tip
• Battery operated
• Sensitivity thumb-wheel
• User guide
COIL ON PLUG IGNITION QUICK PROBE WITH VARIABLE SENSITIVITY

The fastest way to verify the firing of a Coil Over Plug ignition coil and spark plug. It eliminates the need for back probing coil wires and disassembly to test at the coil connector or spark plug. Variable sensitivity (VS) for greater diagnostic accuracy and expanded application coverage.

Simply press the 7” long antenna probe against the ignition coil and use the thumb-wheel to adjust the sensitivity until the LEDs begin flashing.

Each time the unit detects a spark firing it will flash the bright LED strobe indicating sufficient kV and flash the green LED indicating sufficient Arc Duration. This allows the technician to determine if the coil is firing the spark plug consistently, intermittently misfiring or not firing at all.

**COP Wave Form**
- LED strobe flashes when the high voltage (kV) coil output is detected.
- Green Arc indicator LED flashes when the presence of arc (glow) duration is detected.

Testing for both the KV and arc (glow) duration output helps ensure that the COP coil is actually firing the spark plug.

**Kit Contents**
- Super bright KV & ARC indicator LEDs
- 7” Signal receiver probe
- Battery operated
- Sensitivity thumb-wheel
- User guide

MORE PRODUCT INFORMATION
KV ARC QUICK PROBE

FOR MEASURING AND COMPARING PEAK KV, OR VERIFYING THE PROPER FIRING OF THE SECONDARY IGNITION SYSTEM

There is no faster way to measure and compare peak kV, or verify the proper firing of the secondary ignition system, than with the kV/Arc Quick Probe.

**Super bright LED Strobe**
Allows the user to determine if the secondary ignition is firing consistently, intermittently misfiring or not firing at all. Indicates spark polarity on DIS systems. Detect problems caused by faulty wires, plugs, cap, rotor, coil(s). Works on distributor and DIS systems.

**Quick and easy to use**
Simply place the probe over the ignition wire. Each time the unit detects a spark firing, it will flash the super bright LED strobe indicating a spark-firing event with sufficient arc duration. Then press the button and the unit measures and displays peak kV on the LCD display.

**Kit Contents**
- KV & ARC probe
- 7” removable probe tip
- Battery operated
- User guide

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SST42V ELECTRONIC LED TEST LIGHT

IDENTIFIES POWER, GROUND AND OPENS ON 6, 12, 24, AND 42 VOLT CIRCUITS.

Quickly find broken wires, blown fuses, bad switches and more! Microprocessor controlled current loading capability for a TRUE test of powers and grounds. All the advantages of an incandescent Test Light.

42 VOLT HYBRID COMPATIBLE COMPUTER AND AIR BAG SAFE

Expanded higher voltage range
Works on 6, 12, 24, 42 volt circuits

Super bright LED headlamp
Great for working under dash, underhood, and behind door panels.

Dual audible tone and bicolor LED
Indicates power, ground, and open circuits.

Kit Contents
• SST42V Probe
• 4” probe extension
• Screw-on alligator clips
• Banana plug
• Blow molded carry case
• User guide

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PRO CONNECTOR PROBING MASTER KIT

COMPLETE ASSORTMENT OF AUTOMOTIVE ELECTRICAL TEST LEADS AND PROBES

A complete assortment of Lifetime Guaranteed connector terminal probes, test leads, and general-purpose probe designed specifically to provide the greatest possible coverage for the professional automotive technician’s electrical testing needs.

ALL IN A POCKETED ORGANIZER FOR YOUR TOOL BOX

Kit Contents

Test Leads

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>–</td>
<td>Red Tight Spot Test Lead Set</td>
</tr>
<tr>
<td>1</td>
<td>–</td>
<td>Black Tight Spot Test Lead Set</td>
</tr>
</tbody>
</table>

Terminal Probes

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>–</td>
<td>Micro Spade/Square Male/Female</td>
</tr>
<tr>
<td>12</td>
<td>–</td>
<td>Micro Round Male/Female</td>
</tr>
<tr>
<td>12</td>
<td>–</td>
<td>Small Spade Male/Female</td>
</tr>
<tr>
<td>6</td>
<td>–</td>
<td>Small Round Male/Female</td>
</tr>
<tr>
<td>12</td>
<td>–</td>
<td>Large/Medium Spade Male/Female</td>
</tr>
<tr>
<td>12</td>
<td>–</td>
<td>Large/Medium Round Male/Female</td>
</tr>
</tbody>
</table>

Probe Tip Accessories

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>–</td>
<td>Probe Tips Standard Probe</td>
</tr>
<tr>
<td>2</td>
<td>–</td>
<td>Probe Tips Micro Probe Pin</td>
</tr>
<tr>
<td>2</td>
<td>–</td>
<td>Screw-on Alligator Clips</td>
</tr>
<tr>
<td>2</td>
<td>–</td>
<td>Screw-on Banana Plugs</td>
</tr>
<tr>
<td>3</td>
<td>–</td>
<td>Banana Plug Breakout Adapters</td>
</tr>
<tr>
<td>10</td>
<td>–</td>
<td>Replacement Micro Probe PinTips</td>
</tr>
</tbody>
</table>

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PERFECT MATE TERMINAL PROBE ADAPTER KITS

Each individual kit comes with a large assortment of matching male and female terminal flexible probes. They are designed to be a perfect fit for most transportation industry module and connector pins, providing safe diagnostic testing for today’s complex computer and electrical systems without piercing wires. Great for hands free jumper wire and pin-out testing.

**PERFECT FIT FOR PIN-OUT TESTING MODULES AND WIRE HARNESS CONNECTORS**

**MICRO PINS FIT NEWER VEHICLES WITH MUCH SMALLER CONNECTORS**

**MINI BREAKOUT BOX FOR CLOSED CIRCUIT TESTING**

**SAFE PIN CONNECTIONS PREVENT WIRE PIERCING**

**HANDS FREE BANANA PLUG METER TEST LEADS**

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### Kit Contents

#### 77202 Perfect Mate Spade Flex Probe Kit

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Male/Female</td>
<td>.25”x.032” White Large Spade</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.12” Yellow Medium Spade</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.059”x.0315” Purple Small Spade</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.02”x.09” Black Screw on Banana Plug</td>
</tr>
<tr>
<td>1</td>
<td>Male/Female</td>
<td>.12” Red Screw on Banana Plug</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.059”x.0315” GTA - Dual Banana Plug</td>
</tr>
</tbody>
</table>

#### 77203 Perfect Mate Round Flex Probe Kit

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Male/Female</td>
<td>.1” Green Extra Large Round</td>
</tr>
<tr>
<td>2</td>
<td>Male/Female</td>
<td>.102” Black Large Round</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.075” Dark Orange Medium Round</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.06” Dark Gray Small Round</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>.04” Red Extra Small Round</td>
</tr>
<tr>
<td>1</td>
<td>Male/Female</td>
<td>Blk Screw on Banana Plug</td>
</tr>
<tr>
<td>1</td>
<td>Male/Female</td>
<td>Red Screw on Banana Plug</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>GTA - Dual Banana Plug</td>
</tr>
</tbody>
</table>

#### 77205 Micro Mate Flex Probe Kit*

<table>
<thead>
<tr>
<th>QTY</th>
<th>SPECS</th>
<th>COLOR/DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>0.025” Black Male Terminal Square</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>0.025”x 0.039” Red Female Terminal Spade</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>0.030” Blue Male Terminal Round</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>0.039” Green Male Terminal Round</td>
</tr>
<tr>
<td>1</td>
<td>Male/Female</td>
<td>Blk Screw on Banana Plug</td>
</tr>
<tr>
<td>1</td>
<td>Male/Female</td>
<td>Red Screw on Banana Plug</td>
</tr>
<tr>
<td>3</td>
<td>Male/Female</td>
<td>GTA - Dual Banana Plug</td>
</tr>
</tbody>
</table>

*Designed to be a perfect fit for the new smaller module and connector pins that many OEM’s are now using on their vehicles.

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TIGHT SPOT TEST LEAD KIT

PROFESSIONAL QUALITY AUTOMOTIVE ELECTRICAL TEST LEADS KITS WITH FLEXIBLE HANDLES FOR FITTING INTO TIGHT SPOTS

Designed specifically for the unique needs of the automotive service technician, the Tight Spot Test Lead Kit, and Great Test Lead Kit provides the versatility and durability required to give a lifetime of service and get the job done fast in the harsh automotive environment. Backed by a Limited Lifetime Warranty.

77011 TIGHT SPOT TEST LEAD KIT

Flexible handles
Easily fits in tight spots.

Probe density
Packed module connectors without the fear damage.

Accessories
Interchangeable/replaceable probe tips. For back-probing connectors and wire piercing.

Warranty
Baked by Limited Lifetime Warranty.

Kit Contents
- (2) Flexible Test Leads
- (2) 4” Flexible probe adapters
- (2) Alligator clips
- (2) Screw-on Probe tips
- (2) Acupuncture tips
- (10) Replacement pin tips

MORE PRODUCT INFORMATION

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PROFESSIONAL QUALITY TEST LEAD ACCESSORIES

Designed specifically for the unique needs of the professional automotive service technician. Backed by a Limited Lifetime Warranty.

77001 SCREW-ON ALLIGATOR CLIP SET
Kit Contents
• (2) Red & Black Clip

77003 SCREW-ON BANANA PLUG SET
Kit Contents
• (2) Red & Black Plug

77004 BULLET WIRE PIERCING PROBE SET
Kit Contents
• (2) Bullet Set

77005 4” FLEXIBLE BACK PROBE SET
Kit Contents
• (2) Back Probes Set

77012 UNIVERSAL MAGNETIC GROUND LUG
Magnetic bottom
Attaches to any metal surface providing a perfect place to clip your test equipment ground lead.

Sharp tip with adjustable depth
To penetrate corrosion or metal coatings for a good connection.

Kit Contents
• (1) Universal Magnetic Ground Lug

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SCOPE OUT VOLTAGE WITHOUT THE SCOPE!

Automotive Voltage/Signal Waveform Viewer and Secondary Ignition System Signal Viewing Accessory.

THROTTLE POSITION SENSOR
PULSE WITH MODULATED COMPONENTS
SECONDARY IGNITION WIRES
COP IGNITION SYSTEMS
IGNITION SYSTEMS
FUEL INJECTIONS
MASS AIR FLOW
OXYGEN SENSOR
CRANK AND CAM
AND MUCH MORE...

Use Auto Wave to quickly and easily verify that signals and voltages are present in waveform format using a voltage/time scale without the need for a scope and with more detail than a DVOM. View signals on ignition primary, fuel injectors, MAF, O2, TPS, crank and cam, PWM components and much more.

When used with the Secondary Ignition Pickup (SIP) you can also view detailed secondary ignition waveforms on spark plus wires and COP ignition systems. Think of it as your window into the combustion chamber.

Auto Wave Features & Benefits
- Auto Set Feature — Automatically sets time and voltage scale adjustment for the viewed signal or voltage.
- Zoom and Pan — Adjust the view of the signal for a more detailed waveform.
- 4 GB Micro SD Card — Save waveform snapshots for later review on the tool or a PC.
- Accurate Readings — Sample rate up to one million samples / second.
- Color LCD Display — Easy viewing of the waveform time and voltage scale.

SIP Features & Benefits
- The high impedance active pickup acquires high voltage waveforms.
- Works on Secondary Ignition wire and COP Ignition systems.
- Long flexible probe provides easy access for hard to reach ignition systems.

Special Bundle Contents
- Auto Wave Main Unit
- SIP Main Unit
- COP Pickup Paddle Adapter
- Secondary Ignition Wire Adapter
- 4" Signal Probe
- 4GB SD Card and PC Adapter
- 3’ Signal Extender Cable
- 5’ Ground Cable
- 9 Volt Battery
- (2) Storage Cases

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60901 HEAVY DUTY COOLING SYSTEM ADAPTER KIT

The CSA Heavy Duty Cooling System Adapter Kit provides coverage for large over-the-road trucks. The adapters are compatible with most popular cooling system testers...

- The Kit Includes, 6 Heavy Duty Vehicle Adapters, and Storage Case.

OVER 30% OFF MSRP (while supplies last)