



# Excel Engineering

## Engine Test Kit

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Excel Engineering  
1587 160th Ave.  
Diagonal, IA 50845  
(641) 734-5800  
pamexcel@iowatelecom.net  
<http://www.excelengineering.org>

### Engine Test Kit

Wireless test kit capable of recording over 70 channels at up to 50 Hz which can include J1939CAN data, and up to 24 analog temperatures, 6 analog pressures, and 2 speed inputs into one data file. Engine test kit packaged in a 9 x 17 x 13 inch tool box that can be mounted on the machine and wirelessly controlled by computer. Temperatures modules can be remote mounted for easier instrumentation. Diagnostic cable provides power required to run the test box. Data can be recorded in the field without computer.

#### **Standard Test Kit .....\$11,701<sup>2</sup>**

Part Number.....EE-1000

- 3 pcs 8-Channel Thermocouple Modules (Type K)
- J1939 Can Bus Interface
- 1 MB Memory Logger
- Pressure Module and 6 pressure transducers:
  - 20 kPa (Air Intake)
  - 700 kPa (Intake Manifold)
  - Δ20 kPa (CAC Delta)
  - 13 kPa (Exhaust Restriction)
  - ±105 kPa (Top Tank)
  - ±105 kPa (Water Pump Inlet)
- 10' CAN bus/Power cable
- 2 pcs 10' Temperature module extension cables
- 2 speed sensor input connections
- USB Wireless antenna (100 yard range)
- Computer software
- 8 pcs 1/8"NPT to hose connector
- Cable, diagnostic connector to alligator clips

#### **Standard Accessories Kit .....\$ 875**

Part Number.....EE-1001

- 6 – 1/8"Ø Type K 6" Thermocouple probe with 6' leads
- 10 – Type K Thermocouple wires with 6' leads
- 8 – Type K Thermocouple wires with 10' leads
- 1 – 20' Type K Thermocouple extension cable
- 80' Tubing

#### **Deluxe Test Kit .....\$13,046<sup>2</sup>**

Part Number.....EE-2000

Includes the Standard Test Kit  
Features plus:

- 8-Channel Analog Expansion Module
- 10' extension cable for analog expansion module
- USB Wireless antenna, (2 mile line-of-sight range)

#### **Developer Test Kit .....\$15,215<sup>2</sup>**

Part Number.....EE-3000

Includes the Deluxe Test Kit  
Features plus:

- 1MB Memory Logger replaced with Compact Flash Logger and USB flash card reader
- 128 Mb flash card
- USB Flash card reader

#### **Deluxe Accessories Kit.....\$ 750**

Part Number.....EE-2001

- 250 PSI (1700 kPa) External pressure transducer with 10 ft. cable<sup>1</sup>
- 2 – Voltage Sensor2 (0-36VDC)<sup>1</sup>
  - Current Measurement Probe (200/2000 AC/DC AMP)<sup>1</sup>
  - 480 VAC System Module (AC Voltage Measurement)<sup>1</sup>

## Options

<u>Description</u>	<u>Price</u> <sup>2</sup>
• 2005 Standard Test Kit Upgrade: Part Number EE-1002.....	\$1500
Additional 8-Channel Thermocouple Interface Module, Cables, software and Instrumentation (expansion to 24 channels)	
Upgrade of base software to record test status and sensor check (view data) while recording	
Upgrade of in-box recording switch.	
• 2005 Standard Test Kit Upgrade plus analog expansion module upgrade: Part Number EE-1003.....	\$ 2765
Standard kit Upgrade features plus installation of analog expansion module and corresponding software update.	
• 480 VAC System Module <sup>1</sup> : Part Number EE-1003.....	\$ 100
• Current Measurement Probe (200/2000 AMP) <sup>1</sup> : Part Number EE-1003.....	\$ 200
• 20' speed sensor cable, compatible with JD speed sensor: Part Number EE-1004.....	\$ 40
• Diagnostic splitter cable: Part Number EE-1005.....	\$ 50
• 5000 PSI (17.5MPa) External pressure transducer <sup>1</sup> with 10 ft. cable: Part Number EE-1006.....	\$ 210

<sup>1</sup> Connects to 8 Channel Expansion Module

<sup>2</sup> Prices are in US dollars