EOL Tester

416 Automation has set a new standard for End of Line Testing

416 Automation would like to introduce its new end of line (EOL) tester platform. 416 Automation has been a supplier of calibration and test equipment to the automotive industry for over a decade and is now offering a standard hardware EOL platform that is configurable with a variety of software modules for seating plant applications. The EOL tester will be controlled by an Industrial PC. The Industrial PC is coupled with our ETS Board (Electrical Testing Solution). The ETS board replaces the current combinations of multi-meter, PLC and other I/O based systems. The board is implemented as a single carrier containing multiple, functionally-specific, plug-in modules to facilitate expansion, design revision, and ease of replacement.

Features and Benefits

- Complete Software and Electrical Testing Capabilities
- Multiple OCS Test Modules
  - Capacitive Sensing
  - Pressure Mat System
  - Seat Frame Structure System
- Comprehensive Electrical Testing
  - Continuity - Airbag, Pretensioner, Active
  - Headrest, Switches, Indicators, Thermistors
  - Resistance - Seat buckle, Seat Track Position
  - Current Draw - Motors, Heat Elements, Modules
  - Sensors (2 or 4 Wire)
- Vehicle BUS Communication Support:
  - GMLAN, SingleWire CAN, High/Low Speed CAN, LIN
- Complete Memory Module and Seat Heat Module Testing
- 416 Automation’s Industrial PC
  - Local Traceability application included
  - Custom FIS traceability programming available
  - PC equip with Intel i5 Processor running Win7
  - Removable hard drive
  - Remote support and upgrade capability
- 416 Automation rugged seat connector
- The 416 Automation Advantage
  - Assembly plant EOL supplier for over 10 years
  - Sold and serviced hundreds of communication devices worldwide
  - Trusted technology partner to several global OCS suppliers
  - 24/7 Service Hotline North America
  - International sales and service network (Korea, Japan, Europe)