MSD-ICE Features and Functions:

- Includes MSD_V2 KIT
- Includes ICE KIT
- Digital testing via Vehicle Data Bus Interface (CAN, J1939, J1708, J1850, GM-UART, ATEC and modified ISO 9141)
- Analog Testing (voltage, current, resistance, pressure, etc.)
- Interface to MSD computer for Automated IETM Testing
FEATURES

• Digital testing via Vehicle Data Bus Interface (CAN, J1939, J1708, J1850, GM-UART, ATEC and modified ISO 9141)

• Analog Testing (voltage, current, resistance, pressure, etc.)

• Interface to MSD computer for Automated IETM Testing

The MSD-ICE consists of the MSD-V3 Kit and the ICE Kit. The MSD-V3 Kit includes an MSD computer, external combination power adapter/charger, NATO power cable and other accessories packaged in a transit case. The ICE Kit includes an ICE box, data bus kit, cables (MSD, DCA and accessories), probes and transducer kit packaged in a transit case.

Current SPORT-ICE users should be aware that the MSD-ICE requires a different power adapter cable and that the Dearborn Protocol Adapter/cables have been upgraded. Fielded SPORT-ICE Kits are being upgraded to the latest MSD-ICE Kit configuration. This upgrade includes three additional DPA cables to support electronic data bus testing of the HMMWV, M939,M915/M916/M917 and other heavy tactical vehicles.

Military vehicle manufacturer shave incorporated electronic data bus controlled engine subsystems in order to comply with government legislated clean air/emissions standards. The manufacturers have leveraged this capability to include new electronically controlled transmissions, central tire inflation systems, collision avoidance systems, anti-lock brake systems and most importantly for the U.S. Army, vehicle diagnostics. These vehicles are equipped with a variety of automotive data bus networks (J1708, J1939, J1850,CAN, ISO 9141, etc.) and are entering Army inventory at a rapid pace. They cannot be easily diagnosed using conventional analog test methods such as STE/ICE-R. The MSD-ICE was developed to provide access to digital data available from state of the art Army vehicle data bus networks, while retaining the same test capabilities of the STE/ICE-R (analog) for legacy vehicles.

The MSD V3 Kit provides the user interface for the MSD-ICE Kit. When used in combination with an Interactive Electronic Technical Manual (IETM), it provides a powerful tool for vehicle fault isolation.

Technical support for the MSD/SPORT-ICE is available by contacting the MSD/SPORHELP Desk at (888) 577-6780 or msdmail@miltope.com

MSD-ICE INCLUDES

• MSD-V3 KIT

• ICE KIT
  - ICE Box
  - MSD Cable
  - Data Bus Kit
  - Transducer Kit
  - Accessory Cables
  - DCA Cable
  - Test Probes

Product Director Test, Measurement, and Diagnostic Equipment (PD TMDE) supports the soldier by developing, acquiring, and sustaining rugged, compact, lightweight man-portable general purpose automatic test equipment to improve the readiness and to reduce operating and support costs of Army Legacy, Interim and Objective Force weapon systems.