

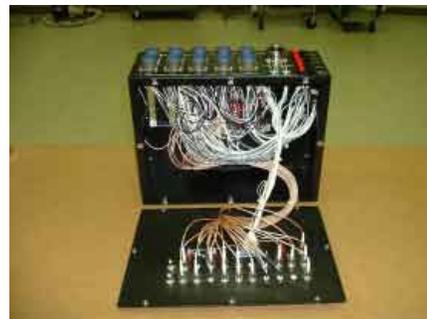
MCS – MOBILE CALIBRATION SYSTEM



Mobile Calibration System



MCS Load Drawer



MCS Interface adapter wiring

The Mobile Calibration System (MCS) is an integrated package that provides calibration for functional test stations. The MCS is capable of performing calibrations based on a manufacturer's instrumentation specifications or tailored to the needs of the customer. The system can provide traceability to NIST specifications and is designed to perform to ISO 10012 calibration standards.

SYSTEM FUNCTIONS & CAPABILITIES

- Designed to be portable
- Used for in place calibration of production functional test stations
- Currently used to calibrate over 100 instruments

SYSTEM SOFTWARE

- Menu driven application to calibrate multiple instruments
- Calibration software resides on functional test station controllers
- Provides calibration datasheet
- Expandable to calibrate new and upgraded instruments

SYSTEM HARDWARE – TRANSFER STANDARDS

- Fluke 5720A Multifunction Calibrator
- Agilent 8644B Synthesized Signal Generator
- Keithly 2001A Digital Multimeter
- Agilent 33250A Function Generator
- Agilent E4446A Spectrum Analyzer
- Agilent N5530S Measuring Receiver
- Agilent E4418B Power Meter
- Agilent N3300A DC Electronic Load
- Datum 8040 Rubidium Frequency Standard
- Agilent 8494A and 8494G programmable Attenuators
- Calibrated current shunts
- Custom designed Interface Adapter
- Custom designed MCS Load Drawer

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