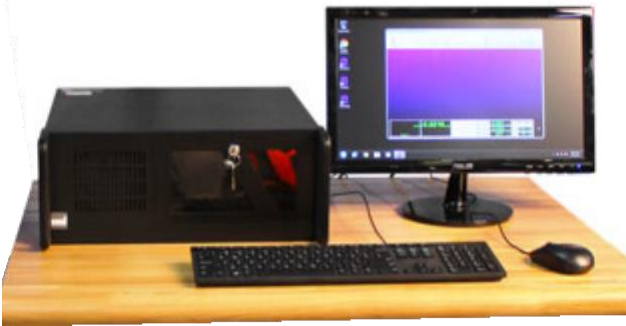


# Gold Standard Desktop Load Cell Calibration System

## Fully Integrated PC-Based Solution for Calibration of Load Cells or Torque Transducers



- Reduces calibration time by 50 to 90%
- Windows software provides flexibility and produces consistent calibration results
- Performs ASTM E74, ISO376 and EN100002-3 calibrations
- Reading times recorded
- Nonlinearity less than 0.003% FS
- Automatically archives data
- Automatically produces standard reports, graphs, and performance parameter calculations
- Permits easy generation of customized reports and graphs

**GOLD STANDARD LOAD CELL CALIBRATION SYSTEMS** – Every new transducer or testing system must be calibrated to determine its properties and accuracy. It is also necessary to recalibrate transducers periodically because of drift, possible undetected damage, and normal wear and tear. The Gold Standard™ System is a complete PC-based system for the calibration of load cells and torque transducers. Normally the system is used with a hydraulic load frame which can either be supplied by the user or by Interface Inc. Separate software is available for the calibration of load cells in a deadweight system. Utilizing the experience obtained in almost five decades of force calibration of tens of thousands of load cells, the system provides state-of-the-art accuracy. The system is user-friendly and calibrations can be conducted with minimal training. Pull-down menus and step-by-step instructions guide the operator through a complete calibration.

### SYSTEM INCLUDES

- SCB1 dual channel 20-bit signal conditioning board with 0.003% nonlinearity
- ICS-202 force calibration software
- Two Gold Standard interconnect cable assemblies
- CX-0440  $\pm 4\text{mV/V}$  transfer standard
- SIS-104 system setup

### OPTIONS

- Industrial PC
- Additional channels for calibrating dual and triple-bridge load cells
- CX-0610 or other multi-step mV/V transfer standards
- DA-101 digital to analog board for frame control
- HL4IO high level 4-channel input board for frame control
- Gold or Platinum Standard Calibration Grade Load Cells