

## GS-SYS03 GOLD STANDARD® PORTABLE LOAD CELL CALIBRATION SYSTEM

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

### STANDARD CONFIGURATION



Model GS-SYS03 (Shown)

- Windows software provides flexibility and produces consistent calibration results
- Performs ASTM E74, ISO376, and EN100002-3 calibrations
- Nonlinearity less than 0.005% FS
- Automatically archives test data
- Generates standard reports, graphs, and performance parameter calculations
- Permits easy generation of customized reports and graphics

### 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. A 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 are available to guide the operator through a complete calibration.

#### SYSTEM INCLUDES

- 9840 Dual Channel 16-bit Intelligent Indicator with 0.005% non-linearity
- Internal mV/V calibration of Model 9840
- ICS-202 Gold Standard® Calibration Software
- Two Gold Standard® interconnect cable assemblies
- CX-0440 ±4 mV/V transfer standard
- SIS-103 one-day training at Interface Inc.

#### OPTIONS

- Laptop PC
- CX-0610 or other multi-step mV/V transfer standards
- Gold or Platinum Standard® Calibration Grade Load Cells
- 9840 and software for high level outputs (UDC)
- System calibration software for transducers with indicators

#### SOFTWARE

- Load points can be preset as required per your test specifications
- The Gold Standard® Calibration Software measures exact load output at specific load points
- Results from earlier runs can be compared, measured, and displayed with current run results

International System of Units (SI) dimensions and capacities are provided for conversion only. Standard products have U.S. capacities and dimensions. SI capacities available upon special request and at an additional cost.

