

Interface Gold Standard™ Calibration Systems

A fully integrated PC-based solution for calibration of load cells and force test machines

Why the Interface model Gold Standard™ Calibration System is the best in class:

- **Controlled calibration process reduces calibration times by 50% to 90% and produces consistent calibration results**
- **Easy-to-use software reduces operator training time**
- **Fully integrated reporting functions**
- **Automatic archiving of calibration results**
- **Supports ASTM E74, ASTM E4 and ISO 7500/1, EN10002**
- **Industry Accepted terms and calculations**
- **0.1µV display resolution**
- **Used in over 150 calibration labs world-wide**



Gold Standard™ Load Cell Calibration System

The Interface load cell calibration system combines highly accurate load cell signal conditioning, calibration standard load cells and state of the art calibration software. In this system a Gold Standard™ or Platinum Standard™ load cell is placed in line with the load cell to be calibrated in a hydraulic or mechanical force test machine. The system steps through a sequence of test points, either manually or automatically and then calculates performance specifications such as Linearity and Hysteresis, stores the data and creates test reports.

Gold Standard™ E4 Machine Calibration System

The Interface E4 verification system integrates the ultra-accurate 9840 Intelligent Indicator with any laptop computer. This creates a portable system for in-field verification of force test machines. The verification involves insertion of a reference load cell (such as the Interface Gold Standard™ Load Cell) into the equipment under test. Each data point in the test frame controller is compared against the reading from the reference load cell.