

PRECISION ACCURACY IN METROLOGY LABS

interface
FORCE MEASUREMENT SOLUTIONS.

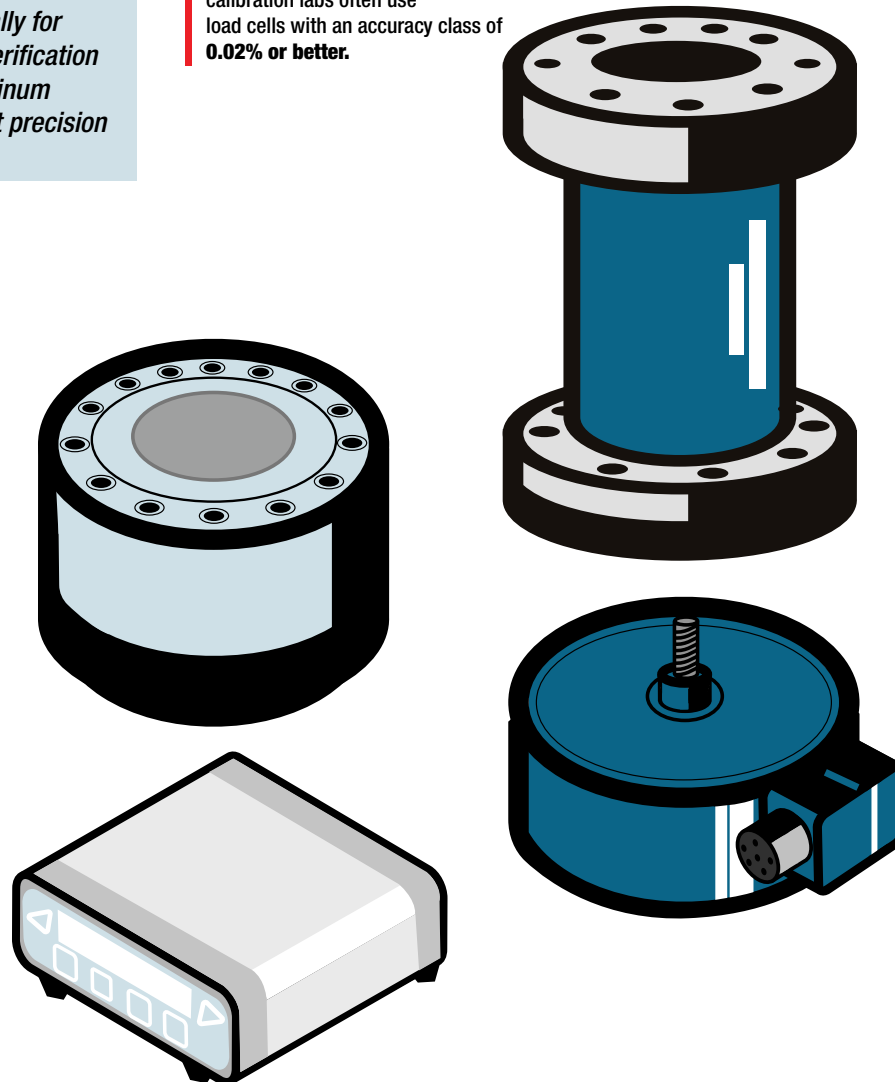
Interface performs hundreds of calibrations daily. We understand the criticality of proper equipment. Calibration grade sensors and accessories are paramount to maintaining outstanding performance of your measurement devices. It is why Interface has designed and engineered solutions specifically for calibration facilities and technicians, from verification frames and instrumentation to Gold and Platinum Standard measurement sensors that support precision calibration with accuracy and traceability.

Load cells are classified based on their accuracy, typically ranging from **0.005% to 1%**. Calibration labs must select load cells with an appropriate accuracy class for their intended applications. High precision calibration labs often use load cells with an accuracy class of **0.02% or better**.

Load cells can drift over time **due to wear and tear, environmental factors, or even just normal use**. Calibration labs must establish a regular recalibration schedule to ensure that their load cells remain accurate and within acceptable tolerances. Interface recommends an annual check-up for each device, at a minimum.

Equipping your lab with Interface's dependable, high-precision calibration grade equipment is an investment in trust. It empowers you to deliver accurate measurements, safeguarding quality, safety, and innovation across countless industries.

Calibration labs must ensure that their load cells are traceable to national or international standards. This means that the measurements made by the load cell can be linked back to a recognized standard, ensuring accuracy and consistency across different labs and industries. Interface offers calibration instrumentation and software to support these requirements.



Market research indicates that the global calibration services market was valued at around **\$5.7 billion** and is projected to grow to **\$8.1 billion by 2030**, showcasing the significant size and growth potential of this industry. Investing in calibration-grade equipment directly translates to providing higher-accuracy calibrations, fostering customer trust, enabling a wider service range, and ultimately boosting a lab's reputation and profitability.

