



**S** Schweizerischer Kalibrierdienst  
**S** Service suisse d'étalonnage  
**C** Servizio di taratura in Svizzera  
**S** Swiss Calibration Service  
SCS 018 Accreditation ISO/IEC 17025



# HUBER

## INSTRUMENTE

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[PRFA]

### **Pressure Primary / Reference Standards Classes 0.03 % / 0.05 %**

Maintenance departments in power, chemical and pharmaceutical plants, in refineries, the gas industry, in aerospace as well as producers of pressure transducers, measuring and control equipment, need traceable pressure standards of high stability, reliability and ease of use.

The pressure standards cover relative, absolute and differential pressure ranges in steps between 0...1 kPa and 0...1.4 MPa. They come with two or even three independent ranges and with data interfaces as standard equipment. Some of them offer fundamental self-calibration. Using matched calibration software, uncertainties down to 0.01 % can be reached.

### **Bell-Type Primary Pressure Standard Class 0.02 %**

This fundamental standard covers the increasing need for calibrations of very low pressure ranges. With a nominal range of 0...3 kPa and a dual range of 0...1 kPa, the maximum error is 0.02 % of the active range and the resolution up to 0.00001 kPa. The standard fulfills all needs regarding precision and traceability. Self-calibration is included.

### **Automatic Pressure Calibration Systems Uncertainties 0.05 % to 0.01 %**

Computer Aided or Computer Controlled systems for semi or fully automatic calibration of pressure transmitters, transducers, digital and analogue gauges. Pressure ranges between 1 kPa and 70 MPa are covered. Modules for relative, absolute, negative and differential pressure are available. The automatic calibration systems do fully comply with the requirements of quality management systems such as ISO 9000 / 17025.

The software runs on PC's embedded in the pressure controller or on remote industrial ones. For security or instrument maintenance management purposes, data can be exported by USB or LAN. Several systems are in operation under validated FDA conditions.



*Pressure Calibration -  
perfect, from Laboratory to Site*

[C3D]

