



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



# HUBER INSTRUMENTE

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## QUALITY ASSURANCE, TRACEABLE CALIBRATION AND CONSULTANCY

### Quality Assurance

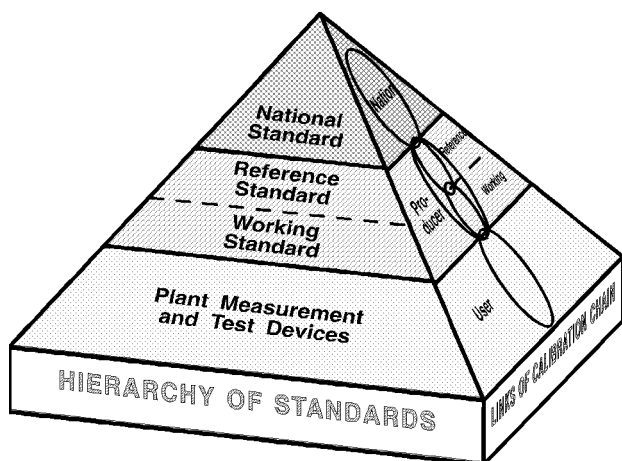
Since its foundation in 1979, HUBER INSTRUMENTE is putting highest emphasis on an assured quality. In the context of a single enterprise without communication problems, this can be guaranteed in a secure manner.

All our pressure primary and reference standards are tested and calibrated with working standards which in turn are periodically calibrated against primary standards.

In intervals which have been defined by the Swiss Federal Office of Metrology and Accreditation (metas), these standards are compared to the national and partially to international standards.

The traceability is mentioned on every guarantee and calibration certificate.

These relationships are illustrated by the four sides of our quality pyramid.



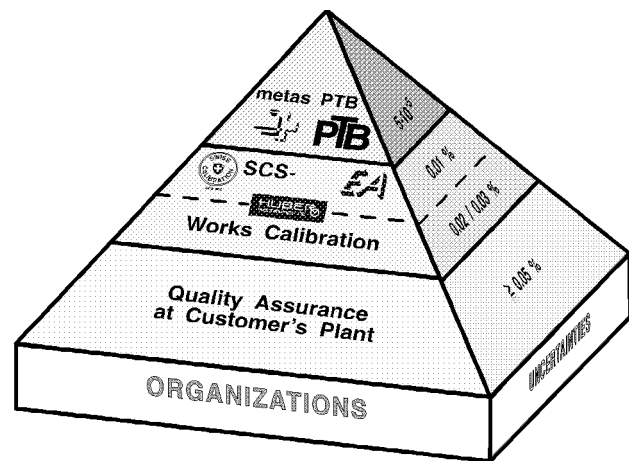
### Accreditation under ISO/IEC 17025

As the first non-state enterprise, HUBER INSTRUMENTE has been recognised by the Federal Office of Metrology (now metas) in 1988 as calibration site for pressure. Today we are accredited as calibration laboratory under ISO/IEC 17025.

The condition for that consist in competence of workmanship and a consistent and institutionalised quality assurance.

The roof organisation EA (European co-operation for Accreditation) consider the compliance to these conditions as at least equal to an ISO 9000 certification; calibrated measurement and test devices being one of the most important conditions to its function.

The respect of the regulations is checked by a yearly audit by the metas.



### International Recognition

Nine european states, among them Switzerland, have ratified in 1990 a multilateral agreement on the declaration of the equivalence of calibration certificates

from partner states. On behalf of the Swiss Calibration Service (SCS), the Federal Office of Metrology (now metas) has signed. Under the roof organisation EA, the sixteen countries from Europe of which the organisation is presented on

the following table, were signatories in 1999.

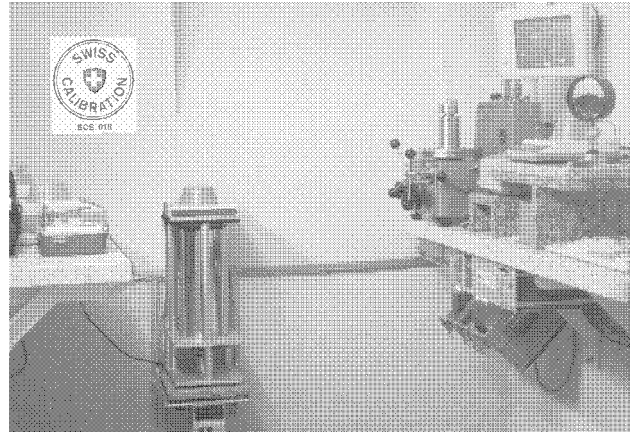
	<b>CH - SCS</b> Swiss Calibration Service	<b>Switzerland</b>
	<b>AT - BMWA</b>	<b>Oesterreich</b>
	<b>BE - BKO/OBE</b>	<b>Belgique</b>
	<b>CZ - CAI</b>	<b>Ceska R.</b>
	<b>DE - DKD</b> Deutscher Kalibrierdienst	<b>Deutschland</b>
	<b>DK - STP</b> Statens Tekniske Prøvenævn	<b>Denmark</b>
	<b>ES - ENAC</b> Entidad Nacional de Acreditación	<b>España</b>
	<b>FI - FCS</b> Suomen Kalibrintipalvelu	<b>Finland</b>
	<b>FR - COFRAC ETAL</b> Comité français d'accréditation	<b>France</b>
	<b>GB - NAMAS</b> United Kingdom National Measurement Accreditation Service	<b>United Kingdom</b>
	<b>IE - NAB</b> Irish Laboratory Accreditation Board	<b>Ireland</b>
	<b>IT - SIT</b> Servizio di Taratura in Italia	<b>Italia</b>
	<b>NL - NKO</b> Nederlandse Kalibratie Organisatie	<b>Nederlande</b>
	<b>NO - NA</b> Norsk Akkreditering	<b>Norge</b>
	<b>PT - IPQ</b>	<b>Portugal</b>
	<b>SE - SWEDAC</b> Swedac Akkreditering	<b>Sweden</b>

Bilaterally connected are overseas countries such as Australia (NATA), Brazil (INMETRO), Hong Kong (HOKLAS), Israel (ISRAC), New Zealand (IANZ), Singapore (SAC), Southafrica (SANAS) and the United States of America (A2LA).

## Issue of SCS Certificates

Certificates of the Swiss Calibration Service are available from measuring ranges of 10 Pa (measuring uncertainty 0.25 Pa + 0.008 %) to 40 MPa (measuring uncertainty 0.03 %, minimum 0.03 kPa) for relative pressure of gases and liquids.

SCS-Certificates are necessary if international recognition is sought or if internal quality assurance of the company or legal regulations such as FDA are requiring it.

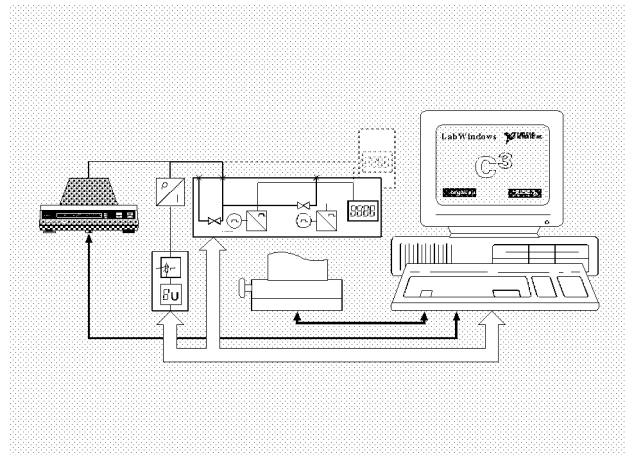


## Issue of Works Certificates

These calibration certificates are available from measuring ranges of 10 Pa to 80 MPa, for relative and partially absolute pressure.

## Calibration / QA - Consulting/Instruction

Based on many years of experience, we can offer the design and the assembly of complete calibration stations as well as consultancy on quality assurance.



On these subjects, we are also conducting training courses in our premises as well as at the customer's plant or any other suitable location.

Technical specifications, data and design are subject to change without notice  
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