

# Calibration Equipment, traceable in acc with ISO 9000

Physical Unit	Diameters	Span	Master Uncertainty
Gases at 1-8bara abs, air, bottled gases o.R.	Up to DN50 (typ)	0,5-80 kg/h	Critical nozzles, 0,25% o.v. (DAKKS)
Ambient air	DN10.. DN350	20-3800 kg/h (0..40m/s)	Turbines DN200 and DN80, 0,36% o.v. (DAKKS)
Water	Clamp on Diameters: DN15/DN25/DN80/DN250	0,3-110 m <sup>3</sup> /h (t/h)	Coriollis, 0,05% o.v. (PtB)
Water	Installation Meters DN5-DN150	0,3-110 m <sup>3</sup> /h (t/h)	Coriollis, 0,05% o.v. (PtB)
Absolute pressure		0bar-16bar abs	0,05% o.v. +/- 1 mbar (DAKKS)
Gage pressure, differential pressure		5-2.500mbar	0,01% o.v. +/- 0,01mbar Ball Wheight
Gage pressure, differential pressure		0-200mmWS (0..19,6mbar)	Betz-Manometer +/- 0,2 mmWS (0,02mbar)
Strom/Spannung		0..20VDC 0..200VDC 0..1000VDC 0..2mA 0..20mA 0..200mA	Multimeter (DAKKS) 0,0005%o.r.+0,0001o.s. 0,0005%o.r.+0,0001o.s. 0,0005%o.r.+0,0001o.s. 0,002%o.r.+0,0005%o.s. 0,002%o.r.+0,002%o.s. 0,002%o.r.+0,0005%o.s.

## Envirnomentl tests

- Clima chamber, temperature and humidity -40..150°C, 0..100% rel humidity, 1000x800x500mm
- Clima shock chamber (two-zone-chamber) -70..200°C, transit time 2sek, 300x300x400mm
- Shaker: max wheight 50g, max 2kHz, max 20g
- Salt fog test chamber: part size max 250x250x250mm