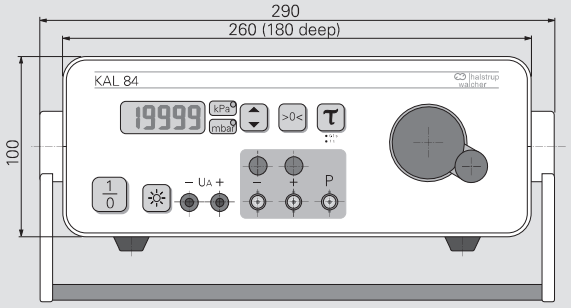
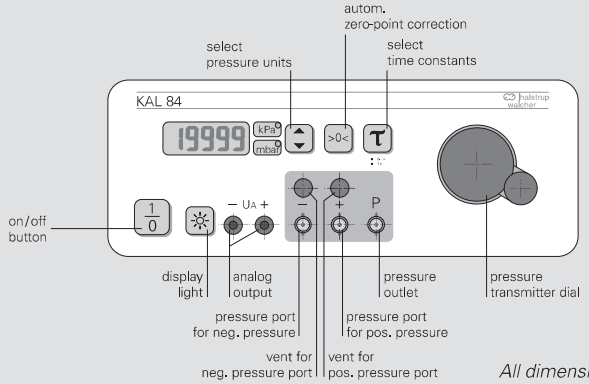
KAL 84

halstrup walcher







All dimensions in mm.

Features

- Highly accurate and reproducible results
- Internal pressure generation using pressure bellows and hand pump
- Very rugged and light:
  excellent for service applications
- Unit conversion, e.g. mmHg/kPa, mbar/kPa
- Rechargeable battery allows for portable operation
- 90-264 V AC plug-in power supply

Measurement accuracy [1]	± 0.2 % FS + ± 1 digit for measurement ranges 1 .. 50 kPa ± 0.5 % FS + ± 1 digit
Hysteresis	0.1 % FS
Temperature coefficient zero point	±0% FS/°C (manual zero-point correction)
Temperature coefficient span	max. 0.04 % FS/K
Calibration temperature	22 °C ±4%
Medium	air, all non-aggressive gases
Displacement volume	approx. 100 cm^3 (measuring ranges > 100 Pa) approx. 200 cm^3 (measuring range 100 Pa)
Analog output	0 .. 1 V (R_L ≥2 kΩ) 2 connectors Ø 4 mm
Display	4 ½ digit LCD character height = 10 mm
Time constants	toggles between 0.1 s; 1 s
Operating temperature	10 .. 40 °C
Storage temperature	-10 .. 70 °C
Power supply	Ni-MH rechargeable 9 V battery with AC adaptor
Weight	approx. 3 kg
Pressure ports	for tubing NW 6 mm
Certificates	CE/UKCA

[1] Measurement accuracy of the reference 0.3 Pa for measuring ranges ≤±1.5 kPa

Order code	A	B	C
KAL 84			

Measurement ranges [2]	A
0 .. 100 Pa (0 .. 1 mbar)	0
0 .. 1 kPa (0 .. 10 mbar)	1
0 .. 10 kPa (0 .. 100 mbar)	10
0 .. 100 kPa (0 .. 1 000 mbar)	100
0 .. 300 mmHg (0 .. 400 mbar)	300

[2] others available upon request

Measurement accuracy	B
± 0.5 % FS ± 1 digit	1
± 0.2 % FS ± 1 digit for measurement ranges 1 .. 50 kPa (optional)	2

Calibration certificate	C
none	0
Factory calibration	I
Calibration according to DKD R-6-1	D