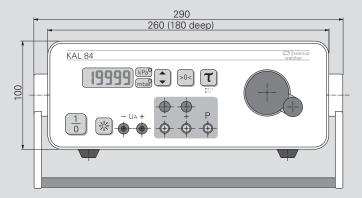
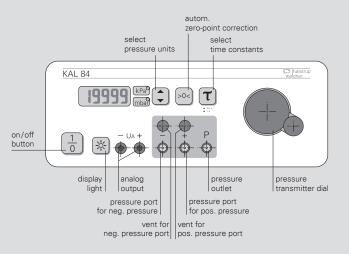




Features

- · 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





All dimensions in mm.

Measurement accuracy 10 $\pm 0.2 \% FS + \pm 1 \text{ digit}$ for measurement ranges 150 kPa $\pm 0.5 \% FS + \pm 1 \text{ digit}$ Hysteresis $0.1 \% FS$ Temperature coefficient zero pointnot applicable; Push button for resetting zero-pointTemperature coefficient span $0.04 \% FS/K$ Calibration temperature $22 \degree C \pm 4\%$ Mediumair, all non-aggressive gasesDisplacement volumeapprox. 100 cm^3 (measuring ranges > 100 Pa) approx. 200 cm^3 (measuring range 100 Pa)Analog output $01 \text{ V } (R_L \ge 2 \text{ k}\Omega)$ $2 \text{ connectors } \emptyset \text{ 4 mm}$ Display $4 \frac{1}{2} \text{ digit LCD}$ character height = 10 mm Time constantstoggles between $0.1 \text{ s; } 1 \text{ s}$ Operating temperature $1040 \degree C$ Storage temperature $-1070 \degree C$ Power supplyNiCd rechargeable $9 \text{ V } \text{ battery}$ with AC adaptorWeightapprox. 3 kg		
Temperature coefficient zero point not applicable; Push button for resetting zero-point $ \begin{array}{ll} \text{Temperature coefficient span} & 0.04 \% \text{FS/K} \\ \text{Calibration temperature} & 22^{\circ}\text{C} \pm 4\% \\ \text{Medium} & \text{air, all non-aggressive gases} \\ \text{Displacement volume} & \text{approx. } 100 \text{cm}^3 \\ \text{(measuring ranges} > 100 \text{Pa)} \\ \text{approx. } 200 \text{cm}^3 \\ \text{(measuring range } 100 \text{Pa)} \\ \text{Analog output} & 01 \text{V} (\text{R}_{\text{L}} \ge 2 \text{k}\Omega) \\ \text{2 connectors} \oslash 4 \text{mm} \\ \text{Display} & 4 \% \text{digit LCD} \\ \text{character height} = 10 \text{mm} \\ \text{Time constants} & \text{toggles between } 0.1 \text{s; } 1 \text{s} \\ \text{Operating temperature} & 1040^{\circ}\text{C} \\ \text{Storage temperature} & -1070^{\circ}\text{C} \\ \text{Power supply} & \text{NiCd rechargeable } 9 \text{V battery with AC adaptor} \\ \end{array} $	Measurement accuracy 1)	for measurement ranges 150 kPa
resetting zero-point Temperature coefficient span $0.04 \% FS/K$ Calibration temperature $22 ^{\circ} C \pm 4 \%$ Medium air, all non-aggressive gases Displacement volume approx. 100cm^3 (measuring ranges > 100Pa) approx. 200cm^3 (measuring range 100Pa) Analog output $01 \text{V} (R_L \ge 2 k\Omega)$ 2 connectors $\emptyset 4 \text{mm}$ Display $4 \frac{1}{2} \text{digit LCD}$ character height = 10mm Time constants toggles between 0.1s ; 1s Operating temperature $1040 ^{\circ} \text{C}$ Storage temperature $-1070 ^{\circ} \text{C}$ Power supply NiCd rechargeable $9 \text{V} \text{battery}$ with AC adaptor	Hysteresis	0.1 % FS
Calibration temperature $22^{\circ}\text{C} \pm 4\%$ Medium air, all non-aggressive gases Displacement volume approx. 100cm^3 (measuring ranges > 100Pa) approx. 200cm^3 (measuring range 100Pa) Analog output $01\text{V}(R_L \ge 2\text{k}\Omega)$ 2 connectors \emptyset 4 mm Display $4^{1\!/2}$ digit LCD character height = 10mm Time constants toggles between 0.1s ; 1s Operating temperature 1040°C Storage temperature -1070°C Power supply NiCd rechargeable 9V battery with AC adaptor	Temperature coefficient zero point	
Mediumair, all non-aggressive gasesDisplacement volumeapprox. 100 cm^3 (measuring ranges > 100 Pa) approx. 200 cm^3 (measuring range 100 Pa)Analog output $01 \text{ V } (R_L \ge 2 \text{ k}\Omega)$ $2 \text{ connectors } \emptyset \text{ 4 mm}$ Display $4 \frac{1}{2} \text{ digit LCD}$ character height = 10 mm Time constantstoggles between $0.1 \text{ s; } 1 \text{ s}$ Operating temperature $1040 ^{\circ}\text{C}$ Storage temperature $-1070 ^{\circ}\text{C}$ Power supplyNiCd rechargeable 9 V battery with AC adaptor	Temperature coefficient span	0.04 % FS/K
Displacement volume $ \begin{array}{ll} & \text{approx. 100 cm}^3 \\ & \text{(measuring ranges > 100 Pa)} \\ & \text{approx. 200 cm}^3 \\ & \text{(measuring range 100 Pa)} \\ \\ & \text{Analog output} \\ & \text{01 V (R}_{L} \geq 2 \text{ k}\Omega) \\ & \text{2 connectors } \emptyset \text{ 4 mm} \\ \\ & \text{Display} \\ & \text{4 } \% \text{ digit LCD} \\ & \text{character height = 10 mm} \\ \\ & \text{Time constants} \\ & \text{Operating temperature} \\ & \text{1040 °C} \\ \\ & \text{Storage temperature} \\ & \text{-1070 °C} \\ \\ & \text{Power supply} \\ & \text{NiCd rechargeable 9 V battery} \\ & \text{with AC adaptor} \\ \\ \end{array} $	Calibration temperature	22°C ±4%
$\begin{array}{c} \text{(measuring ranges} > 100 \text{ Pa)} \\ \text{approx. } 200 \text{ cm}^3 \\ \text{(measuring range } 100 \text{ Pa)} \\ \\ \text{Analog output} & 01 \text{ V } (R_L \geq 2 \text{ k}\Omega) \\ 2 \text{ connectors } \varnothing \text{ 4 mm} \\ \\ \text{Display} & 4 \frac{1}{2} \text{ digit LCD} \\ \text{character height} = 10 \text{ mm} \\ \\ \text{Time constants} & \text{toggles between } 0.1 \text{ s; } 1 \text{ s} \\ \\ \text{Operating temperature} & 1040 ^{\circ}\text{ C} \\ \\ \text{Storage temperature} & -1070 ^{\circ}\text{ C} \\ \\ \text{Power supply} & \text{NiCd rechargeable } 9 \text{ V battery} \\ \text{with AC adaptor} \\ \\ \end{array}$	Medium	air, all non-aggressive gases
2 connectors Ø 4 mm Display 4½ digit LCD character height = 10 mm Time constants toggles between 0.1 s; 1 s Operating temperature 1040°C Storage temperature -1070°C Power supply NiCd rechargeable 9 V battery with AC adaptor	Displacement volume	(measuring ranges > 100 Pa) approx. 200 cm ³
character height = 10 mm Time constants toggles between 0.1 s; 1 s Operating temperature 1040°C Storage temperature -1070°C Power supply NiCd rechargeable 9 V battery with AC adaptor	Analog output	
Operating temperature 1040 °C Storage temperature -1070 °C Power supply NiCd rechargeable 9 V battery with AC adaptor	Display	
Storage temperature -1070°C Power supply NiCd rechargeable 9 V battery with AC adaptor	Time constants	toggles between 0.1 s; 1 s
Power supply NiCd rechargeable 9 V battery with AC adaptor	Operating temperature	1040°C
with AC adaptor	Storage temperature	-1070°C
Weight approx. 3 kg	Power supply	,
	Weight	approx. 3 kg
Pressure ports for tubing NW 6 mm	Pressure ports	for tubing NW 6 mm
Certificates CE/UKCA	Certificates	CE/UKCA

 $^{1)}$ Measurement accuracy of the reference 0.3 Pa for measuring ranges $\leq \pm 1.5$ kPa

Measurement ranges 2)	Α
0100 Pa (01 mbar)	0
01 kPa (010 mbar)	1
010 kPa (0100 mbar)	10
0100 kPa (01000 mbar)	100
0300 mmHg (0400 mbar)	300

²⁾ others available upon request

Measurement accuracy	В
± 0.5 % FS ±1 digit	1
± 0.2 % FS ±1 digit for measurement ranges150 kPa (optional)	2

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

Order code	Α	В	С
KAL84		-	-