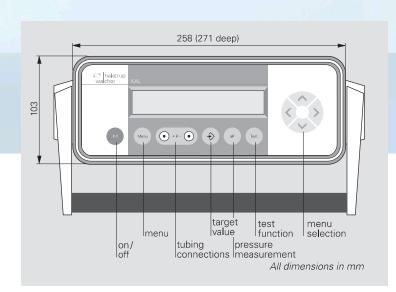
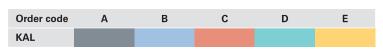


KAL 100/200 Series 3





Model	Α
KAL 100	100
KAL200	200

Measurement ranges	В
0100 Pa	0
0200 Pa	02
0500 Pa	05
01 kPa	1
02 kPa	2
05 kPa	5
010 kPa	10
020 kPa	20
050 kPa	50
0100 kPa	100
± 100 Pa	0A
± 200 Pa	02A
± 500 Pa	05A
±1 kPa	1A
±2 kPa	2A
±5 kPa	5A
± 10 kPa	10A
±20 kPa	20A
±50 kPa	50A
-80 100 kPa	100A

Power supply	С
85 264 VAC, (47 63 Hz)	0
85 264 VAC (47 63 Hz) and Lithium-ion Accumulator	А

Data interface	D
none	0
USB + measurement input for test object ²⁾	1
2) Standard for KAI 200	

Calibration certificate	E
Factory calibration	I
Calibration according to DKD R-6-1 3)4)	D

- ³⁾ If a calibration certificate according to DKD-R 6-1 is selected, the factory calibration certificate is not required.

 4 Calibration according to DKD-R 6-1 only for



Properties/Benefits

- · High precision measurement and calibration device
- · High flexible while it runs on mains supply or battery
- Automatic zero-point correction provides high zero-point stability
- · Internal pump quickly and accurately generates negative or positive differential pressures of -80 kPa up to 100 kPa
- Unit conversion (e.g. mmHg, mmH2O, psi, etc.)
- Ensuring the calibration interval by displaying the last calibration
- Switching power supply for automatic adjustment of the voltage supply between 85 VAC and 264 VAC for the worldwide use

KAL 100/2	200 Series 3		
Measurement accuracy 1)	KAL 100:	KAL 200:	
Measurement ranges>0200 Pa/±200 Pa	±0.2 % FS	±0.1% FS	
Measurement ranges ≤0200Pa/±200 Pa	±0.5% FS	±0.2% FS	
Measurement ranges 0100 Pa/± 100 Pa	±0.5% FS.	±0.3% FS	
Control accuracy of the Pressure generation	≤ 0.05 % FS		
Overload capacity	200 x measurement range, max. 600 kPa		
Temperature coefficient zero point	±0% (cyclical/manual zero-point correction)"		
Calibration temperature	22°C ±4K		
Medium	Luft, alle nichtaggressiven Gase		
Measurement input	010 V, 020 mA Measurement accuracy: 0.2 % FS		
Display	Alphanumeric display with 2×20 characters, backlighting		
Rated temperature range	1040°C	1040°C	
Storage temperature	-1070°C	-1070°C	
Weight	approx. 4.6 kg		
Pressure ports	Ø 6mm, for tub	Ø 6 mm, for tubing NW 5 mm	
Certificates	CE/UKCA		