



Air Flow Meter LCA-301

Air flow meter to measure air flow, air speed and air flow volume / high accuracy / covers for volumetric flow available / factory certificate available / with LCD / automatic switch-off

The air flow meter with a winged wheel LCA-301 is a lightweight, robust and easy to use device. This air flow meter is ideal for heating, air and climate professionals to take measurements in air ducts, channels and air outlets. The 100 mm screw head on the air flow meter with a winged wheel LCA-301 enables readings both at input and at output air ducts. The air flow with winged wheel features high accuracy and a large winged wheel of 100 mm. Upon entering the cross-sectional area, the air flow meter also displays the volume flow in m³/s or m³/h. Due to the calculation of the mean value with free introduction of the integration time, the air flow meter can also measure turbulent flows accurately. You will find other air flow meters with winged wheels and with interface and memory, as well as data cables and software for the values transmission to a PC can be found here: [air flow meter](#). Our technicians and engineers will gladly give you advice on this professional moisture meter and all other products in the field of [measuring instruments](#), [regulation and control](#) and [scales](#).



- high accuracy
- measures air speed and temperature
- calculates the air flow

- covers for volumetric flow available
- factory certificate included
- gradually adjustable





Technical Specifications of the Air Flow Meter LCA 301

	Measurement field	Resolution	Accuracy
Air speed	0.25 ... 30 m/s	0,01 m/s	±1 % (v. Messbereich)
Air temperature	0 ... +50 °C	0,1 °C	±1 °C
Air flow volume	0,1 ... 3000 m ³ /s 0 ... 999.999 m ³ /h	0,01 m ³ /s ... 100 m ³ /h depending on the area	±1 % (v. Messbereich)
Diameter of the winged wheel		100 mm	
Winged wheel		Aluminum	
Display		LCD with 4 digits	
Power supply		1 x 9 V battery	
Automatic switch-off		yes	
Dimensions		280 x 112 x 235 mm	
Weight		290 g	

Delivery content of the Air Flow Meter LCA 301

1 x Air Flow Meter LCA 301, 1 x transport case, 1 x battery, 1 x instruction manual, 1 x factory certificate

Optional accessory for the Air Flow Meter LCA 301

- ISO 9000 calibration certificate
- A Set A volumetric flow covers (285 x 235 mm & Ø 180 mm)
- B Set B volumetric flow covers (335 x 335 mm)

Similar products to the Air Flow Meter LCA 301:

- [PCE-AM 81 Air Flow Meter](#)
(Air velocity meters to measure air velocity as a hobby or for work)
- [PCE-TA 30 Air Flow Meter](#)
(Air velocity meters to measure flow velocity, temperature and air volume)
- [AVM-4000 Air Flow Meter](#)
(Air velocity meters for temperature, humidity and pressure)



Here you will find an overview of all the [measuring instruments](#) available at PCE Instruments.

