FLOW METER

PCE-WFM 100



- **Flow velocity**
- **Flow rate calculation**
- **Extension rods and directional vane**
- **Adjustable timer**
- **Sensor with 5 m / 16.4 ft cable**

This flow meter is a portable flow meter that has been specially developed for the precise measurement of flow velocity in open channels, such as those found in rivers, streams or canals. The measurement is based on the proven velocity-area method.

The device has a simple, light and handy structure and is characterized by low power consumption and comprehensive functions. Thanks to the integrated Hall velocity rotation sensor, this flow meter can also be used reliably in wastewater environments.

The operation is characterized by a high degree of automation, which ensures stable and reliable operation. The measurement results are shown on an LCD display with LED backlighting. The measurement itself is carried out using the rod position measurement method.

This versatile flow meter is the ideal instrument for a wide range of applications, including hydrological stations, environmental monitoring, irrigation and drainage of farmland and hydrogeological surveying. The flow meter is your reliable tool for on-site flow velocity measurement.

Specification

Speed	
Measuring range	0,01 ... 10 m/s
Resolution	0.01 m/s
Accuracy	1.5%
Sensor	
Battery type	Hall sensor
Cable length	5 m
Protection class	IP68

General technical data	
Display type	LCD with backlight
Display size	2,75 Inch
Menu language	English (GB), English, Chinese
Protection class (device)	IP52
(Rechargeable) battery	3 x 1,5 V AA battery , Zinc-manganese dioxide
Capacity	2970 mAh
Operating conditions	-10 ... 50 °C , 10 ... 90 % RH
Storage conditions	-10 ... 50 °C , 10 ... 90 % RH
Dimensions (L x W x H)	175 x 85 x 33 mm
Weight	232 g