

ComastriDistribution

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Ultrasonic flow meter PCE-TDS 200 M-ICA

0199

















Servicies

After sale servicies

 $Ordinary\ and\ extraordinary\ maintenance,\ installation,\ staff\ training,\ spare\ parts,\ calibration\ and\ calibration\ for\ measuring\ instruments.$



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Product description

Our ultrasonic flow meter with a 32 GB memory offers a wide measurement range of ±32 m/s with a reproducibility of ±0.5%, making it suitable for various substances. It features an alarm, a 2.8" LCD display, and includes an ISO calibration report.

Its precision of $\pm 1.5\%$ for pipes >=50 and $\pm 3.5\%$ for pipes DN <50 makes it a highly accurate measurement device. Installation is simplified through a guided menu that ensures proper sensor placement and signal quality. The flow meter can display measurements in different units such as m^3 , I, gal, igl, mgl, cf, bal, ib, and ob.

Measurement data can be stored in the internal 32 GB memory, with the option to set recording intervals from 1 second to 12 hours, allowing storage of up to 10 million data points.

Optional software allows for data visualization, analysis, and export in *.csv format, enabling PDF report generation. Flow meter management is simplified through the software, which also provides real-time data monitoring.

The 2.8" color LCD display ensures clear readability, and the device includes an ISO calibration report.

We also offer the PCE-TDS 200 M SENSOR, suitable for medium-sized pipes with diameters of DN 50 ... 700 / 57 ... 720 mm, operating in a temperature range from -30 to 160 $^{\circ}$ C. These sensors can be mounted on ferrous metal pipes using built-in magnets or with Velcro straps.



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General Features

Dimensions	165mm x 85mm x 32mm	Weight	255g
Resolution	0,001 m/s	Battery life	About 10 hours
Range	±32 m/s	Power	LiPo battery; 3.7V; 2500mAh
Detector	Pair of PCE-TDS 200 M SENSOR	Measurements Units	Dimensions mm / in
Measurements Units	Flow velocity m/s / ft/s	Measurements Units	Volume flow m / I / gal / igl / mgl / cf / bal / ib / ob
Measurements Units	Timeline seconds / minutes / hours / days	Measurements Units	Volume m / I / gal / igl / mgl / cf / bal / ib / ob
Memory	32GB / 10 million values	Measurement	Z/V/N/W
Precision	DN greater than/equal to 50 mm equal to ±1.5%	Precision	DN less than 50 mm equal to ±3.5% of the
	of the measurement value for speed greater than		measurement value for speed greater than 0.3
	0.3 m/s		m/s
Precision	DN less than 50 mm equal to ±3.5% of the		
	measurement value for speed greater than 0.3		
	m/s		