

ComastriDistribution

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Ultrasonic flow meter PCE-TDS 200 L-ICA

0200













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 32 GB ultrasonic flow meter offers a wide measurement range of up to ±32 m/s with exceptional accuracy and ±0.5% reproducibility. It's suitable for various substances and includes a built-in alarm. The 2.8" LCD display ensures easy reading. Thanks to its high precision, this ultrasonic flow meter is suitable for both large pipes (>=50) with ±1.5% accuracy and smaller pipes (DN <50) with ±3.5% accuracy. Installation is simplified with a guided menu indicating signal quality and sensor positioning. The flow meter displays data in different units, including m³, I, gal, igl, mgl, cf, bal, ib, and ob.

Measurement data can be stored in the 32 GB internal 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 enables viewing, analysis, and data export in various formats, including *.csv and PDF. Flow meter management is simplified through the software, which also allows real-time data monitoring. The 2.8" color LCD display ensures clear visibility, and the device comes with an included ISO calibration report.

Additionally, we offer the PCE-TDS 200 L SENSOR for large pipes with a diameter ranging from DN 300 to 6,000 mm. These sensors can be easily mounted using Velcro straps and are suitable for ferrous metallic pipes thanks to built-in magnets. The sensor dimensions are 91 x 52 x 44 mm.



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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 L 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 greater than/equal to 50 mm equal to ±1.5%
	of the measurement value for speed greater than		of the measurement value for speed greater than
	0.3 m/s		0.3 m/s
Precision	DN greater than/equal to 50 mm equal to ±1.5%		
	of the measurement value for speed greater than		
	0.3 m/s		