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 ±1.5% for pipes >=50 and ±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 m³, l, 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 ºC. 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 / l / gal / igl / mgl / cf / bal / ib / ob
Measurements Units	Timeline seconds / minutes / hours / days	**Measurements Units**	Volume m / l / 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% of the measurement value for speed greater than 0.3 m/s	**Precision**	DN less than 50 mm equal to ±3.5% of the measurement value for speed greater than 0.3 m/s
Precision	DN less than 50 mm equal to ±3.5% of the measurement value for speed greater than 0.3 m/s		