



Comastri Distribution
Prodotti e soluzioni per l'industria S.r.l

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Ultrasonic flow meter PCE-TDS 200 M-ICA

0199



Services

After sale services

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

The prices could be not always up to date and they don't take into account any promotional sale on the e-commerce.

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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 $\pm 0.5\%$, 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 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 °C. These sensors can be mounted on ferrous metal pipes using built-in magnets or with Velcro straps.



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		