



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

29/08/2025

ComastriDistribution

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Ultrasonic flow meter PCE-TDS 200 L-ICA

0200



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 32 GB ultrasonic flow meter offers a wide measurement range of up to ± 32 m/s with exceptional accuracy and $\pm 0.5\%$ 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 $\pm 1.5\%$ accuracy and smaller pipes (DN < 50) with $\pm 3.5\%$ accuracy. Installation is simplified with a guided menu indicating signal quality and sensor positioning. The flow meter displays data in different units, including m³, l, gal, igl, mgl, cf, bal, lb, 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 / 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 greater than/equal to 50 mm equal to ±1.5% of the measurement value for speed greater than 0.3 m/s
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