



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

16/08/2025

ComastriDistribution

Phone: +390513510702

Mail: info@comastridistribution.com



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Ultrasonic flowmeter PCE-TDS 200 SR-ICA

0201



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 flowmeter is the ideal solution for your measurement needs. With a wide measurement range of up to ± 32 m/s, this instrument offers exceptional accuracy with a maximum deviation of $\pm 1.5\%$ for pipes with a diameter of ≥ 50 and $\pm 3.5\%$ for pipes DN < 50 , ensuring reliable and precise results. The reproducibility of $\pm 0.5\%$ of the measurement value further enhances its reliability. User-friendliness is a strong point of this ultrasonic flowmeter. An intuitive guided menu assists in installation, ensuring the correct positioning of sensors and signal quality control. Additionally, the device allows you to view measurements in various units such as m³, l, gal, igl, mgl, cf, bal, ib, ob, adapting to your preferences.

During measurement, you can store data in its 32 GB internal memory, with customizable recording options ranging from 1 second to 12 hours. This means you can store up to 10 million data points for future analysis. The optional software allows you to view, analyze, and export data in different formats, including *.csv and PDF, simplifying data management.

The 2.8" color LCD display ensures clear and detailed visualization of measurements, making reading easy even in varying lighting conditions. Additionally, the device comes with an ISO calibration report, ensuring its accuracy.

In addition to the main flowmeter, we also offer the PCE-TDS 200 SR SENSOR, designed for pipes with sizes DN 15 ... 100 / 20 ... 108 mm. These sensors feature a guide for simplified positioning and magnets on the bottom for easy installation on ferrous metal pipes.



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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 SR 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	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

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