



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

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## Ultrasonic flowmeter PCE-TDS 200 MR-ICA

0202



## 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 an extensive measurement range up to  $\pm 32$  m/s with exceptional precision and  $\pm 0.5\%$  reproducibility. It's suitable for various substances and features an integrated alarm and a 2.8" LCD display. The internal memory can store up to 10 million data points, and optional software allows for data visualization, analysis, and export. The device comes with an included ISO calibration certificate.

The Ultrasonic Flow Meter is highly accurate, with a  $\pm 1.5\%$  accuracy for pipes  $\geq 50$  in diameter and  $\pm 3.5\%$  for DN  $< 50$  pipes. Installation is simplified with a guided menu that indicates signal quality and correct sensor positioning. You can view measurements in various units such as  $m^3$ , l, gal, igl, mgl, cf, bal, ib, and ob.

During measurement, data can be stored in the 32 GB internal memory with customizable recording intervals. The software enables data management, analysis, and export in different formats, including \*.csv and PDF, streamlining data handling. The 2.8" color LCD display ensures clear readability, and the device comes with an ISO calibration certificate included.

We also offer the PCE-TDS 200 MR SENSOR, suitable for pipes with diameters of DN 50...700 / 57...720 mm, with a temperature range from  $-30$  to  $160$  °C. These sensors come with separate guides and magnets for easy attachment to ferrous metal pipes.



## General Features

<b>Dimensions</b>	165mm x 85mm x 32mm	<b>Weight</b>	255g
<b>Resolution</b>	0,001 m/s	<b>Battery life</b>	About 10 hours
<b>Range</b>	±32 m/s	<b>Range</b>	Temperature: -30 ... 160 °C
<b>Power</b>	LiPo battery; 3.7V; 2500mAh	<b>Detector</b>	Pair of PCE-TDS 200 MR SENSOR
<b>Measurements Units</b>	Dimensions mm / in	<b>Measurements Units</b>	Flow velocity m/s / ft/s
<b>Measurements Units</b>	Volume flow m / l / gal / igl / mgl / cf / bal / ib / ob	<b>Measurements Units</b>	Timeline seconds / minutes / hours / days
<b>Measurements Units</b>	Volume m / l / gal / igl / mgl / cf / bal / ib / ob	<b>Memory</b>	32GB / 10 million values
<b>Measurement method</b>	Z / V / N / W	<b>Precision</b>	DN greater than/equal to 50 mm equal to ±1.5% of the measurement value for speed greater than 0.3 m/s
<b>Precision</b>	DN less than 50 mm equal to ±3.5% of the measurement value for speed greater than 0.3 m/s	<b>Precision</b>	DN less than 50 mm equal to ±3.5% of the measurement value for speed greater than 0.3 m/s