



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

01/07/2025

**ComastriDistribution**

Phone: +390513510702

Mail: [info@comastridistribution.com](mailto:info@comastridistribution.com)



[Go to product](#)



## 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.

[comastridistribution.com](http://comastridistribution.com)

Page 1/3



## Product description

Our 32 GB ultrasonic flow meter offers a wide measurement range of up to  $\pm 32$  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 ( $\geq 50$ ) 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 m<sup>3</sup>, 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.



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

01/07/2025

ComastriDistribution

Phone: +390513510702

Mail: [info@comastridistribution.com](mailto:info@comastridistribution.com)



[Go to product](#)

## 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>Power</b>	LiPo battery; 3.7V; 2500mAh
<b>Detector</b>	Pair of PCE-TDS 200 L 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</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 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 greater than/equal to 50 mm equal to ±1.5% of the measurement value for speed greater than 0.3 m/s		

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