

#### ComastriDistribution

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# Ultrasonic flowmeter PCE-TDS 200 SL-ICA

0205















# Servicies

After sale servicies

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



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### **Product description**

The 32 GB Ultrasonic Flowmeter is the ideal solution for precise and versatile fluid measurement. Its wide measurement range of  $\pm 32$  m/s and remarkable reproducibility of  $\pm 0.5\%$  make it a reliable measurement instrument.

Its versatility extends to the variety of available probes, allowing adaptation to pipes of different sizes and types of substances.

Moreover, it is equipped with alarm functions to ensure timely detection of anomalies in the measured data.

The 2.8" LCD display provides a clear and convenient display of data and information. Additionally, the device features a 32 GB internal memory for data storage during measurements, capable of holding up to 10 million data points.

Optional software is available for in-depth analysis of stored data. With this software, users can visualize graphs and tables, export data in \*.csv format, and generate PDF reports for effective data management.

The flowmeter comes with an included ISO calibration report and a USB-C interface for quick data transfer between the device and the computer. It also offers the ability to customize alarms based on specific needs.

The Ultrasonic Flowmeter is a reliable partner for real-time monitoring of flow, flow rate, and volume in various units of measurement such as m³, l, gal, igl, mgl, cf, bal, ib, ob. With its precision, versatility, and user-friendliness, this instrument provides an excellent solution for your fluid measurement needs.



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## **General Features**

Dimensions	165mm x 85mm x 32mm	Weight	255g
Resolution	0,001 m/s	Range	±32 m/s
Power	LiPo battery; 3.7V; 2500mAh	Detector	Pair of PCE-TDS 200 S SENSOR
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 / I / gal / igl / mgl / cf / bal / ib / ob
Measurements Units	Timeline seconds / minutes / hours / days	Measurements Units	Volume m / I / gal / igl / mgl / cf / bal / ib / ob
Memory	32GB / 10 million values	Measurement	Z/V/N/W
Battery autonomy	About 10 hours	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	Precision	DN less than 50 mm equal to ±3.5% of the
	measurement value for speed greater than 0.3		measurement value for speed greater than 0.3
	m/s		m/s