



Ultrasonic flowmeter PCE-TDS 200 SM-ICA

0203



Services

After sale services

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



Product description

Our 32 GB Ultrasonic Flow Meter provides accurate and reliable measurements. With a wide measurement range of ± 32 m/s and a reproducibility of $\pm 0.5\%$, it's a highly precise tool for measuring the flow of any substance. It offers various probe options and a 2.8" LCD display for easy data reading.

Its 32 GB internal memory can store up to 10 million data points, allowing you to set start and stop times and recording frequencies. Using the USB-C interface, data can be transferred to a computer for further analysis with optional software, offering graphical or tabular data visualization, CSV export, and PDF report generation.

The flow meter includes an ISO calibration certificate for measurement accuracy and allows customization of alarm values for continuous monitoring. The installation guide menu ensures proper sensor placement for data quality.

Whether for small (DN 15 ... 100 / 20 ... 108 mm) or medium-sized pipes (DN 50 ... 700 / 57 ... 720 mm), we offer sensor pairs (PCE-TDS 200 S and PCE-TDS 200 M) with a temperature range of -30 to 160 °C, easily mountable on ferrous metals or with Velcro straps.

Our Ultrasonic Flow Meter is a comprehensive tool for precise flow measurement and monitoring, simplifying data analysis and management.



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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	Range	Temperature: -30 ... 160 °C
Power	LiPo battery; 3.7V; 2500mAh	Detector	Pair of PCE-TDS 200 S SENSOR
Detector	Pair of PCE-TDS 200 M 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

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