

# AFLOWT Ufd-PORT

PORTABLE ULTRASONIC FLOW METER



Flow  
Measurement  
Equipment

- Digital data processing, short measuring time, high interference protection;
- Automatic adjustment;
- Reversible stream measurement in pipeline;
- Low frequency transformer for corrosion pipelines and liquids with high quantity of hard particles;
- Mode for mass and heat calculation using volume, temperature and pressure value;
- Ultrasonic thickness indicator set Vzljot UT and magnet line for fast installation of low frequency transformer on pipelines of any diameter;
- Sensor LCD, definition of 640\*480;
- SD-card zipping;
- USD-interface;
- Impact-resistant case of IP 67;
- Explosion safe version.

## Application:

- flow audit (enterprise pipework control including leak detection);
- determination of flow direction in pipeline;
- pump performance control;
- stationary flow meters functionality control;
- air layer thickness measurement in upper pipe segment.

## Specification:

Parameter	Value
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Pipe size, DN, mm	20÷5 000
Flow velocity range, m/s	0.1÷20
Accuracy, %	from 1.5
Fluid temperature range, °C	minus 30÷150
Ambient temperature for transmitter, °C	minus 10÷50
Transmitter / transducers protection	IP67
Number of stored sets of site parameters	from 200
Measurement and error data logging capacity, number of records	100 000
Storage rate, s	1÷300
Power supply: <ul style="list-style-type: none"><li>- battery, V</li><li>- external power supply, VDC</li><li>- via ~220VAC/=24VDC adapter</li></ul>	3.6 10÷30 220VAC 50Hz
Battery uninterrupted operation, hrs.	from 24
Transmitter weight, kg	under 3
Transmitter dimensions, mm	285 x 250 x 125

## Outputs:

- LCD;
- pulse output;
- RS-485 interface;
- USB.