

Minisonic II



MEASURED
MEDIA
LIQUIDS
GAS



PIPE DIAMETER
UP TO
10000 MM



MODELS
2 PIPES or 2 CHORDS

HIGH PERFORMING

- › Two pipes flow measurement or Two chords single pipe
- › OLED graphical display
- › Display of the measurement echo, gain and quality index
- › Accuracy up to 0,5 % of flow reading
- › Repetability up to 0,1%
- › Multi-parameter data logger

RELIABLE

- › On site zero point automatic calibration
- › 10 flow calculation per second

COMPATIBLE

- › All Ultraflux probes



TYPICAL APPLICATIONS

Drinking water

Flow measurement and metering in treatment plant processes, flow measurement on supply networks, etc...

Waste water

Flow measurement of lift stations, in network, in/outlet of sewage treatment plant...

Raw water

Flow measurement on fire-fighting installations, network supervision...

HVAC

Flow measurement on installations, network supervision...

Chemical products

Flow measurement on acids, alkaline...

Food & drugs

Purified water flow measurement, CIP process supervision...

Energy, automotive sector...

Ultraflux
Ultrasonic flowmeters

A trademark of  **FAURE HERMAN**

Technical specifications

TECHNOLOGY	Transit time ultrasonic flowmeter						
SIGNAL TREATMENT	Analogic + ESC (Echo Shape Control)						
USAGE	<table border="1"> <thead> <tr> <th>Single chord - Single pipe</th> <th>Dual chords - Single pipe</th> <th>Single chord - Dual pipes</th> </tr> </thead> <tbody> <tr> <td colspan="3">Volumetric flowrate, Velocity, Speed of sound, Totalizers, Signal quality, Gain, Transit time...</td> </tr> </tbody> </table>	Single chord - Single pipe	Dual chords - Single pipe	Single chord - Dual pipes	Volumetric flowrate, Velocity, Speed of sound, Totalizers, Signal quality, Gain, Transit time...		
Single chord - Single pipe	Dual chords - Single pipe	Single chord - Dual pipes					
Volumetric flowrate, Velocity, Speed of sound, Totalizers, Signal quality, Gain, Transit time...							
MEASURED VALUES	(1x) isolated 4-20 mA output + HART (2x) isolated contact output						
STANDARD OUTPUTS	(2x) Current input (2x) Voltage input (4x) 2 wires Pt100 input (2x) 3 wires Pt100 input						
OPTIONAL I/O	Clear OLED Graphic display 128x64 pixels						
DISPLAY	Multi parameters as Quality index, Gain, Echo display, Celerity, Transit time ...						
HELP FOR DIAGNOSIS	Intuitive programming with easy to use MMI and keypad						
CONFIGURATION	Up to 10 recordable parameters Recording period adjustable from 1 second to 1 hour Recording mode adjustable between: Average - Average Min Max - Average Min Max Standard deviation						
DATA LOGGER	Damping time - Memory time - Low-flow cut off						
FILTERS	French – English – German – Spanish – Thai - Bahasa (For more, please contact us)						
LANGUAGE	Mobus TCP through Ethernet USB port for update and logger downloading Modbus RTU through RS 232 / 485						
COMMUNICATION	Calorimetry (pending) Dual Calorimetry (pending) P/T correction (pending) ISD (Interface detection) (pending)						
OPTIONAL FUNCTIONS	AC 110 – 230 V 50/60 Hz or DC 12 - 24 V (Average consumption 6W - 10W peak)						
POWER SUPPLY	Aluminium housing, robust and compact						
ENCLOSURE	216 x 268 x 90 mm including mounting back plate						
DIMENSIONS	3,6 kg including mounting back plate						
WEIGHT	EN/IEC 60659 IP67						
PROTECTION	EMC : EN/IEC 61326-1 Safety : EN/IEC 61010-1						
COMPLIANCE	From -20°C to +60°C (Storage : -35°C to 60 °C)						
TEMPERATURE OF USE							

Dimensions (millimeters mm)

