

High-Pressure Test Facility

- The High-Pressure Test Facility is used to calibrate and verify natural gas meters.
- A closed-loop system independent of gas consumption and weather. All pressure ranges and all flow rates of the measuring range are fully adjustable.
- Provides consistent gas quality and available with two parallel meter runs of more than 12m each and all flange sizes from PN 10 up to ANSI 600.

Specifications

Nominal Diameter	±1%
Standards	2 x G 4000 Turbine Gas Meter
	G 650 Turbine Gas Meter
	G 100 Rotary Displacement Gas Meter



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Specifications

Flange Sizes	PN 10 up to ANSI 600
Pressure	14.50psi to 739.69psi
Flow Rate	3 m ³ /h to 13000 m ³ /h

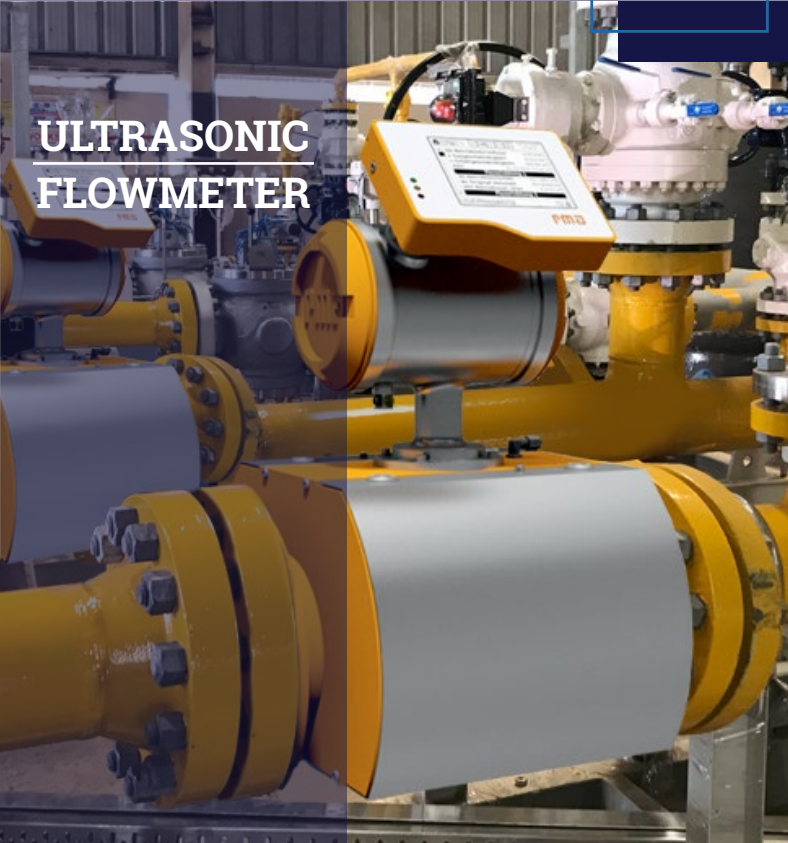
- It can be measured and verified rotary displacement meters, ultrasonic and vortex flowmeters, and turbine meters.
- With short throughput and processing times, it offers flexible, fast, customized, and customer-focused processing.
- A closed-loop system that is unaffected by daily gas consumption, weather, or consumption.
- Provides removal and collection of the equipment, condition inspections, customer-oriented repairs and retrofitting encoder counters.

Ultrasonic Flowmeter

- ECOSONIC X12 product line ultrasonic meters are precise and durable measuring devices for gas flow measurement.
- The ECOSONIC X12 series has nominal diameters ranging from 3" to 24" and a pressure range of PN10 to ANSI600 (100bar).
- Designed to measure volume in energy suppliers' natural gas pipes.
- Versatile metering machine is used in industrial, transportation and natural gas distribution and storage.

Specifications

Process Media	Natural Gas, Air
Measuring Sample	10 samples/sec
Output Signal	2 HF Pulse; RS485
Power Supply	24VDC
Protection Class	IP65
Approvals	ATEX



ULTRASONIC FLOWMETER



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Ultrasonic Flowmeter

- The ECOSONIC X12 uses six independent measuring paths to determine the flow factors such as the swirl and asymmetry.
- The non-invasive measuring technique has no moving parts, no sensor build-up, no wear on parts and no head loss.
- The cost-effective solution has wide turn-down up to 1: 120 with no pressure loss.
- Provides accurate and reliable measuring results by using flow correction methods.

Specifications

Accuracy	±0.2% of the measured value
Repeatability	< 0,1 % of the measured value
Rangeability	1:80 to 1:120
Pressure Range	max. 1450psi (100bar)
Temperature	-25 °C bis +55 °C
Humidity	10 % up to 93 % condensing