

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.

Your Trusted Partner for Measurement Assurance

Eximp Measurement Private Limited

EMPL specializes in providing comprehensive Turnkey Measurement Solutions that are fully integrated with measurement products, systems, and solutions for liquid and gas applications within the Indian Oil and Gas industry.

HIGH-PRESSURE TEST FACILITY

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High-Pressure Test Facility

Specifications

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

- 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.

Specifications

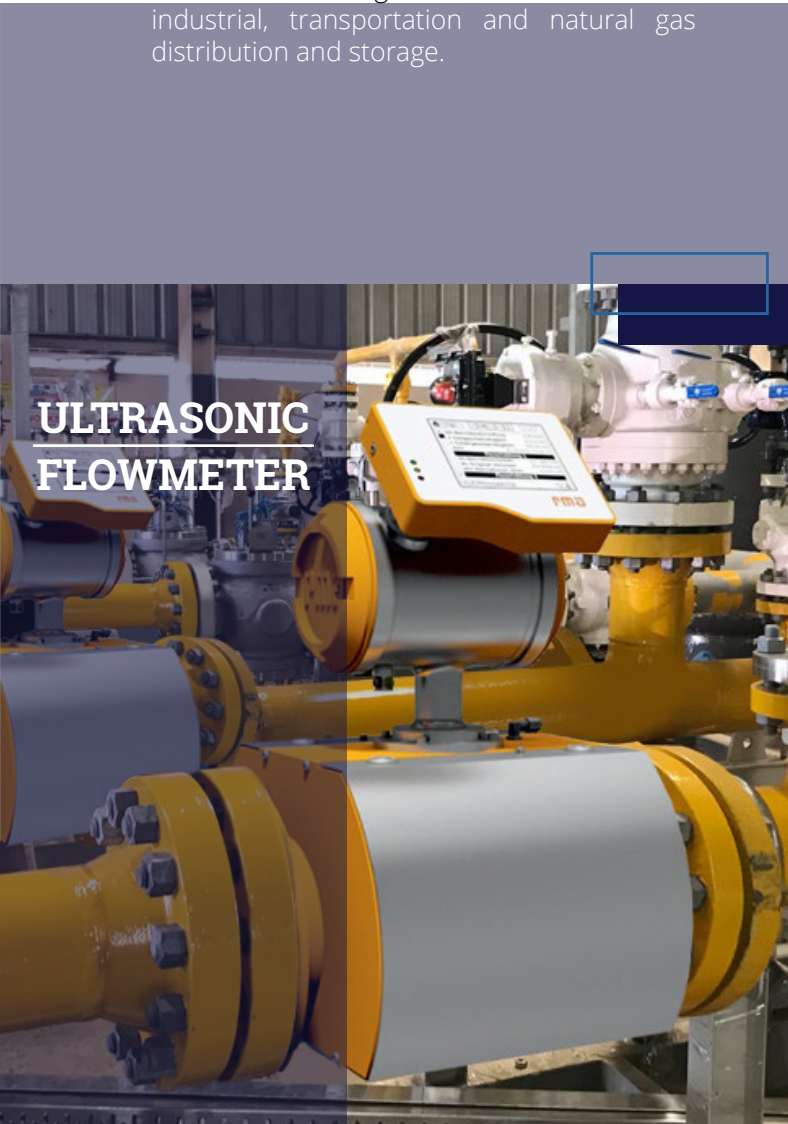
Flange Sizes	PN 10 up to ANSI 600
Pressure	14.50psi to 739.69psi
Flow Rate	3 m³/h to 13000 m³/h

Ultrasonic Flowmeter

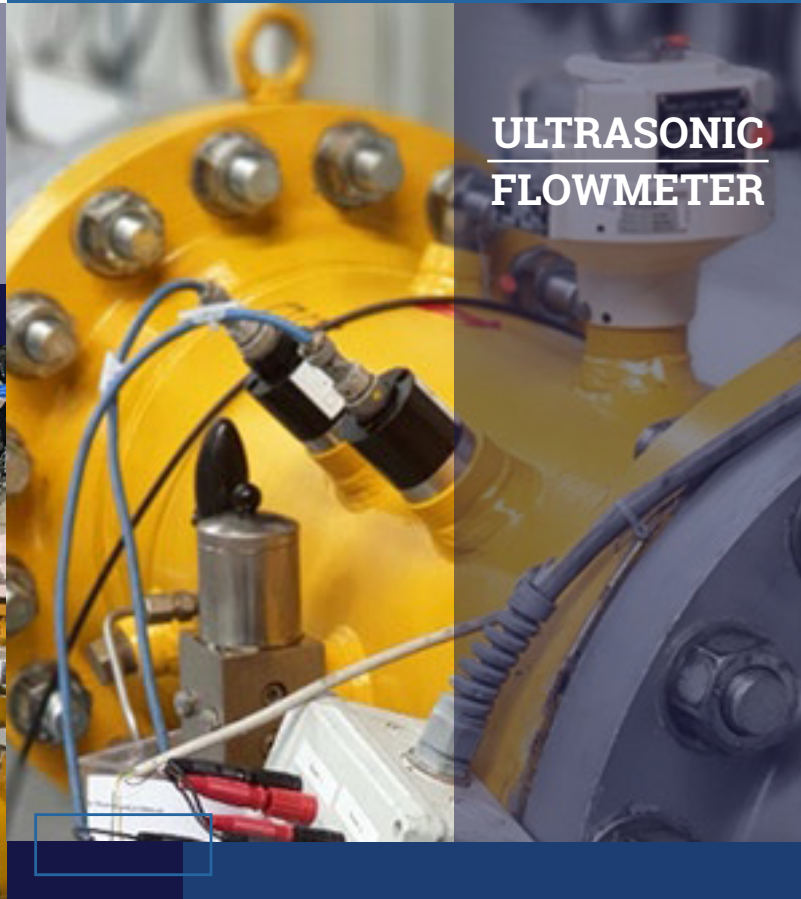
- ECOSONIC X12 product line ultrasonic meters are precise and durable measuring devices for gas flow measurement.
- The ECOSONIC X12 series has nominal diameters ranging from 3" to 24" and a pressure range of PN10 to ANSI600 (100bar).
- Designed to measure volume in energy suppliers' natural gas pipes.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



ULTRASONIC FLOWMETER

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