

F L O W

Your Partner for Flow
Measurement Products
and Solutions

SYSTEMS | PRODUCTS | SOLUTIONS | SERVICES

Eximp Measurement Private Limited

Eximp Measurement Private Limited (EMPL) is a specialized provider of design, supply, construction, commissioning and continuous service support of field-proven innovative products and solutions for flow measurement in India.

ULTRASONIC CLAMP-ON



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Applications

- Power Plants
- Water
- Wastewater
- Mining
- Petroleum
- Chemical

Within a plant, flow measurement is critical in process applications. Easy and accurate flow measurement without interrupting the process helps overcome measurement challenges.

Tek-Trol a technology-driven company that believes in providing consistent advanced measurement, automation, and control solutions. Offers several permanent and portable units using an Tek-Clamp 1200A Ultrasonic Flow Meter to measure liquid flow rates for your plant's flow measurement and meter verification.

Tek-Clamp 1200A

Wall Mount

- The non-invasive measuring technique has no moving parts, no sensor build-up, no wear on parts, and no head loss.
- Suitable for 1/2" to 200" line sizes with better than $\pm 1.0\%$ accuracy.
- Save installation downtime as no need for cutting, tapping, or welding.
- Used in various liquid applications, including oil & gas, water, wastewater and chemicals.
- Last ten years of data such as positive, negative, net totalizer flow rate and heat quantity is stored in the memory.

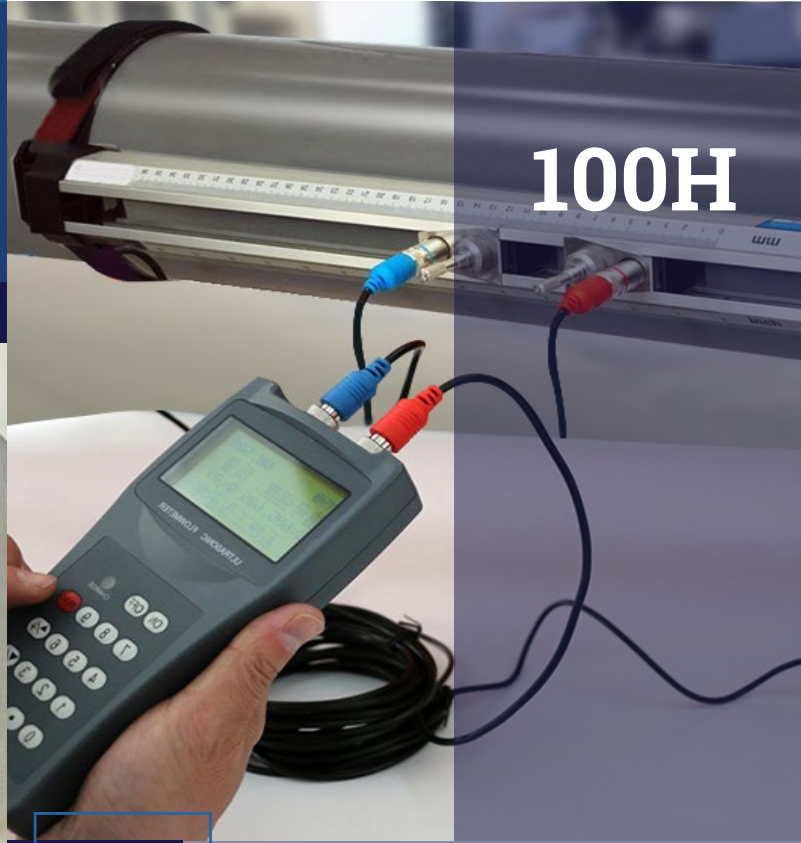
Specifications

Accuracy	Better than $\pm 1\%$ accuracy
LCD Display	4x16 LCD Display
Size	1/2" to 200"
Enclosure	Clamp-on IP65 sensors
Power Supply	90-230 VAC
Output Signal	None
Repeatability	0.2%

100F1



100H



Tek-Clamp 1200A Portable

Specifications

Accuracy	Better than 1% accuracy
LCD Display	2x20 LCD Display
Size	1/2" to 200"
Enclosure	IP65
Keypad	4 x 4 key tactile-feedback
Repeatability	0.2%

- User-friendly, compact, lightweight and easy to use design allows for spot flow measurement under challenging conditions.
- Suitable for 1/2" to 28" line sizes with built-in Ni-MH batteries. Provides fast response and no need for zero-point calibration.
- Used in potable water, cooling water, river water, raw sewage, reclaimed water, plant effluent, ultra-pure liquids etc.

Tek-Clamp 1200A

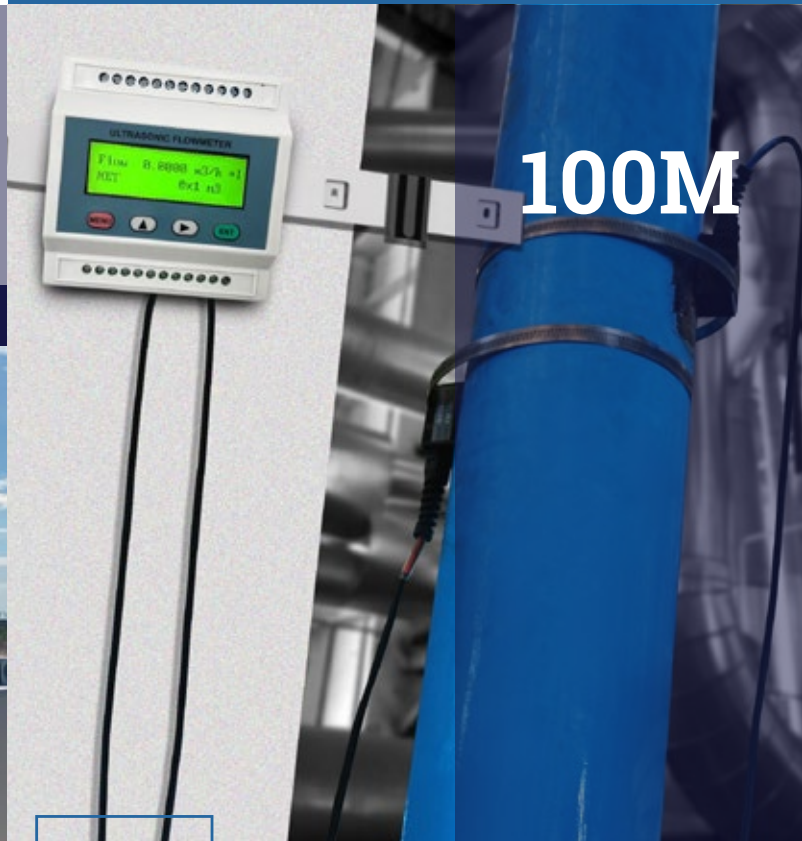
Explosion-Proof

- Solutions for installations that may not have been designed for flow measurements.
- The Class I Div II design ensures reliable, repeatable, and accurate bidirectional flow measurement over a wide turn-down for use in potentially explosive atmospheres.
- Drift-free, zero stable, and internal temperature compensated measurement system is suitable for ¼" to 200" line size.
- An extremely robust transducer ensures permanent contact pressure to the pipe wall and provides excellent mechanical stability.



Specifications

Accuracy	Better than ±1% accuracy
LCD Display	2 x 20 LCD Display
Size	½" to 200"
Enclosure	IP57
Keypad	4 key tactile-feedback
Power Supply	8-36VDC
Repeatability	0.2%



Tek-Clamp 1200A

DIN Mount

- It can work without an LCD and Keypad module.
- Low-cost, high-performance meters are available with ½" to 200" line sizes.
- Measure different pipes as this model can integrate other modules into a multi-channel flow meter.
- Mostly used for long-term deployment for flow measurement and closed-pipe applications.

Specifications

Accuracy	Better than 1% accuracy
LCD Display	2×20 LCD Display
Size	½" to 200"
Enclosure	IP65: Class I Div II
Keypad	4 key tactile-feedback
Repeatability	0.2%

Engineering eXcellence In Measurement Packages



OUR OTHER FLAGSHIP MEASUREMENT PRODUCTS

- Ultrasonic Flow Meter
- Thermal Mass Flow Meter
- Electromagnetic Flow Meter
- Cone Flow Meter

Contact us

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Support Services

EMPL is committed to support its customers with competent pre & after-sales service to guarantee the function of our products and Engineered Systems, including on-site & re-calibration and / or reconfiguration support & training customers.

“Flow measurement and meter verification services.”



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**Flow
Measurement**



**Level
Measurement**



**Temperature
Measurement**



**Pressure
Measurement**



Tekvalsys