

FLOW

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.

MAGNETIC FLOW METER



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Applications

- Distilleries
- Water
- Wastewater
- Food and beverage
- Pharmaceutical
- Chemical

Within a plant, highly corrosive medium flow measurement is challenging in-process applications. Reliable, accurate, and uninterrupted flow measurement helps to overcome these measurement challenges.

Tek-Trol is a technology-driven company that believes in providing consistent advanced measurement, automation, and control solutions. Tek-Trol offers several units of a Magmeter to measure the flow rate of corrosive medium for flow measurement in your plant.

Tek-Flux 1400A

Inline Magmeter

- Inline Magmeter is used for many process applications, where conductivity is minimum of 5 μ S/cm.
- Suitable for ½" to 48" line sizes and available with 150# to 600# ANSI Flange and AWWA Flange.
- Obstruction less design, linear signal output, corrosion-resistant wetted parts, and high accuracy minimizes wear of the meter liner by abrasive particles and material cost.
- Used in water, wastewater, organic and inorganic acids, or other corrosive mediums, along with seawater and brine applications.



1400A

Specifications

Accuracy	±0.5%, ±0.3% Optional
Line Sizes	½" to 48"
Repeatability	0.15%
Output Signal	Pulse and 4 to 20mA
Electrode	316SS or Hastelloy C
Lining Material	PTFE or Hard Rubber

Specifications

Accuracy	±1% of span
Line Sizes	4" to 80"
Repeatability	±0.2% of Span
Pressure Limits	250psi
Output Signal	Pulse and 4 to 20mA
Electrode	Hastelloy C
Lining Material	316 SS, Hastelloy C, PTFE



1400B

Tek-Flux 1400B Insertion Magmeter

- Measure flow in large pipes, increase measurement flexibility and can be installed without cutting the line.
- The cost-effective and compact Magmeter is available with 4" to 80" line sizes and an isolation valve with the blowout preventer.
- Used in industrial liquid flow applications, such as chemical, pharmaceutical, sugar, beverage, mining, dredging, water and wastewater.
- Measurement results are independent of density, viscosity, pressure, temperature, solid impurities.

Tek-Flux 1400C

Utility Magmeter

- Battery-Powered device used in areas where electricity and power supply are unavailable.
- The maintenance-free Battery-Powered Magmeter offers a much larger turn-down ratio and is designed for water abstraction wells and district metering areas (DMA).
- Provides up to 5 years of battery life, minimizing maintenance and enhancing smart measurements productivity in field instruments.
- Reduces costs and unplanned shutdowns by accurately measuring water and wastewater flows in various utility applications.

Specifications

Accuracy	±0.5%, ±0.3% Optional
Line Sizes	½" to 48"
Repeatability	0.15%
Pressure Limits	Limited to Flange Rating
Output Signal	Pulse and 4 to 20mA
Electrode	316SS or Hastelloy C
Lining Material	PTFE or Hard Rubber

1400C



Tek-Flux 1400 Series

- The rugged and robust construction of the sensors ensure long and maintenance-free life under difficult service conditions.
- SMART excitation ensures zero-point stability, high reliability and low power consumption.
- High intelligence ensures empty pipe detection, self-detection, self-diagnostic functions and safety alarms for an upper and lower limit.
- All meters undergo stringent calibration procedures at our fully accredited flow meter calibration traceable to NIST.

Specifications

Accuracy	±0.5%, ±0.3% Optional
Line Sizes	½" to 28"
Repeatability	±0.2% of Span
Output Signal	4-20mA, HART Modbus RS485
Electrode	316SS
Lining Material	Polypropylene

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
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Level
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Temperature
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Pressure
Measurement



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