

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.

@ empl@eximpmeasurement.com

+91 (20) 27654694

THERMAL MASS FLOW METER

Applications

- Dairy Plants
- Oil and Gas
- Chemical
- Food
- Pharmaceutical

In any industry flow measurement is critical, where high turn-down or low-pressure losses are essential in compressed air applications. Thermal mass flow meters are a real alternative to traditional measuring techniques for process control, consumption, supply monitoring, detecting leaks, or monitoring distribution networks. Tek-Trol's highly reliable Thermal Mass Flow Meter is used to measure gas flows in very large pipelines or rectangular ducts, indicating the mass flow of gases without any additional pressure and temperature compensation.

Tek-Thermal 1700B

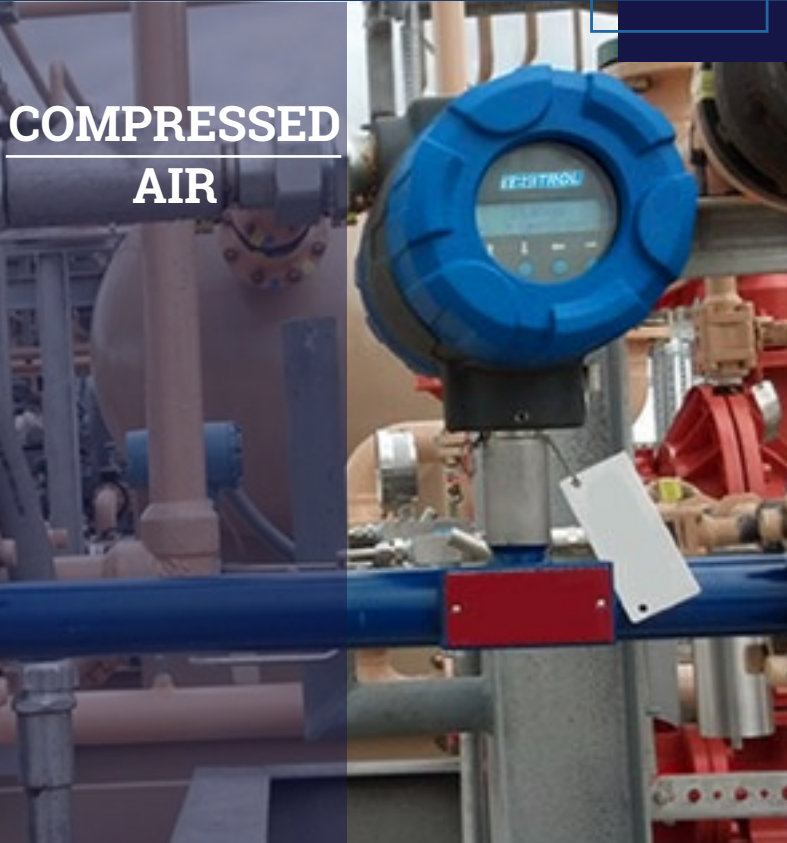
Compressed Air

- Optimizing the energy management system and saving energy costs by measuring compressed air in industrial environment.
- Provides a direct mass flow measurement.
- Easy to install with minimum pipe modifications.
- Can easily handle wide fluctuations in compressed air flow.
- Tek-Thermal 1700B is available with 1" to 20" line sizes.
- Suitable mainly for clean, dry compressed air and inert gases.
- A thin diameter probe makes it easy to install in the pipe without interrupting the process.

Specifications

Accuracy	±0.5% FS
Line Size	1" to 20"
Insertion Probe	10" Probe Length
Temperature	-40 °F to 302 °F (-40 °C to 150 °C)
Pressure	232psi
Output Signal	4 to 20mA, Pulse, Modbus, HART
Protection Class	IP 65

COMPRESSED AIR



COMBUSTION GAS



Specifications

Accuracy	±0.5% FS
Line Size	1" to 20"
Insertion Probe	10" Probe Length
Temperature	-40 °F to 302 °F (-40 °C to 150 °C)
Output Signal	4 to 20mA, Pulse, Modbus, HART
Protection Class	IP 65

Tek-Thermal 1700B

Combustion Gas

- Reduces energy cost by monitoring the fuel to air ratio in industrial burners. Throughout the process prevents excessive fuel usage including temperature combustion control.
- Provides accurate flow measurement due to direct mass flow measurement, compact design, excellent low flow sensitivity, wide turndown and low-pressure drops.
- Available with 1" to 20" line sizes and is widely used in natural gas and air flow measurement to control industrial burners.

Tek-Thermal 1700B

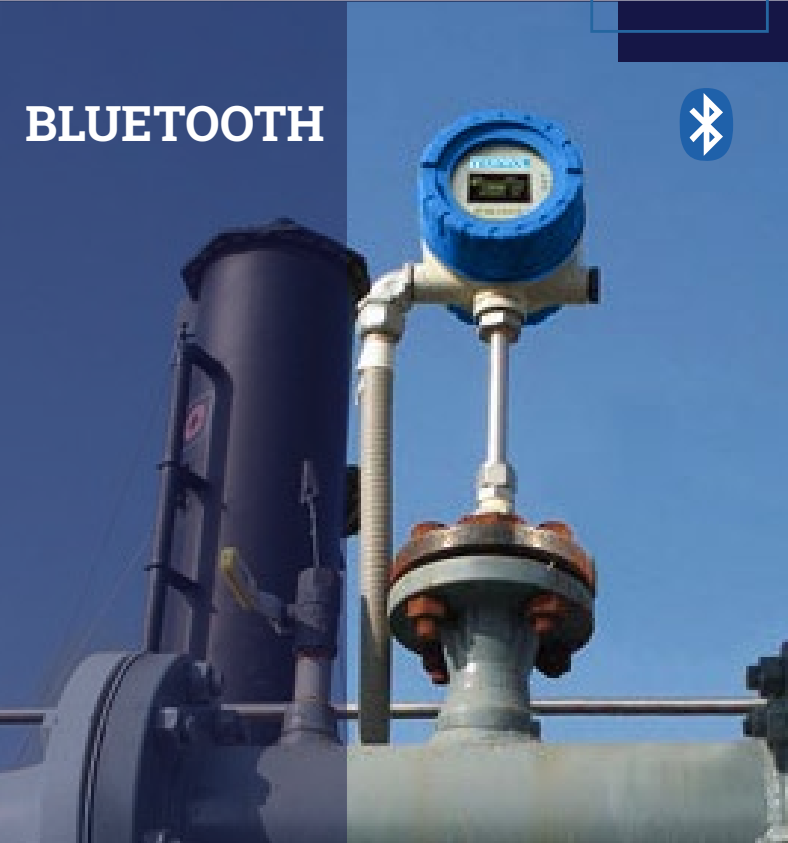
Thermal Mass Flow Meter

- Tek-Thermal 1700B Thermal Mass Flow Meter has Bluetooth functionality. To access this function & information, you need to download the Bluetooth application from the Apple app store.
- For accessing flow rate, you need to open the downloaded application and enter the login information.
(example: ID: 000000000000, verify code: 000000)
- Additional features that display on the Bluetooth application include different types of fluids, liquids, gasses or steam, time unit configuration, pipe diameter value, volume units, etc.
- The compact design results in a smaller enclosure and a thinner insertion tube probe.

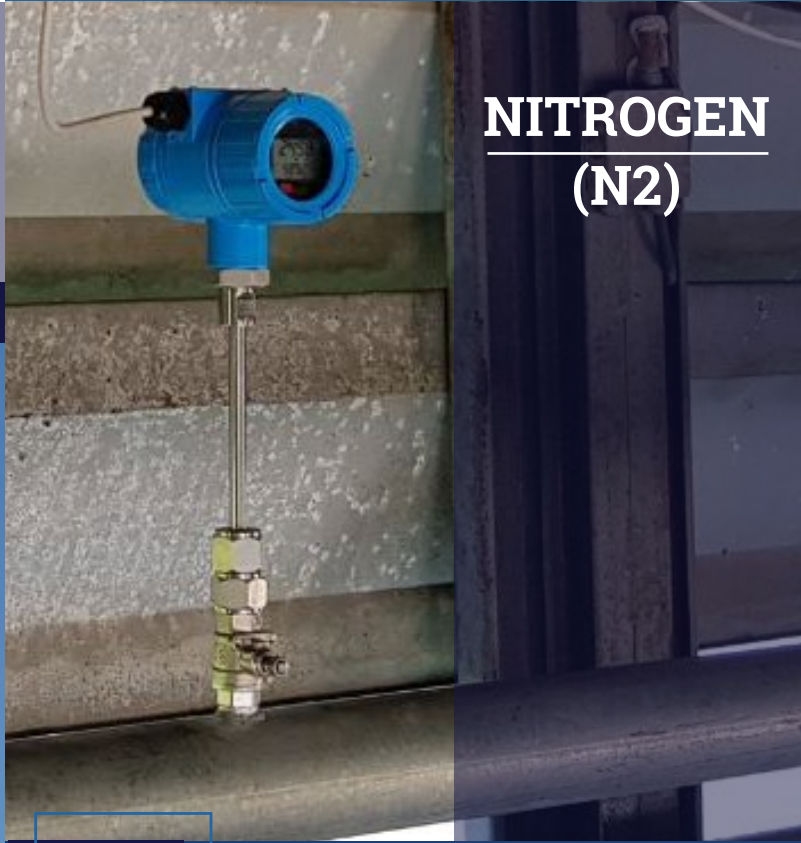
Specifications

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BLUETOOTH



NITROGEN
(N2)



Tek-Thermal 1700B

Thermal Mass Flow Meter

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Line Size	1" to 20"
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- Read Flow Rates on Smartphones through Smart Meter with Bluetooth Technology.
- Compact design, wide turndown, low-pressure loss and excellent low-end sensitivity provide a quick response to fluctuations in the flow.
- Specially designed for industrial gases, compressed air, venting air, aeration, process protection nitrogen (N2) and combustion air applications.
- It consists of a self-diagnostic function and high accuracy data acquisition circuit.

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

- 📍 **Registered Office**
301, DLF Commercial Centre, Greater Kailash – II
New Delhi – 110048, India
☎ +91 (11) 45686122
- 📍 **Sales Office**
1 & 3, Shyamnand, Sector No 24/379A,
Pradhikaran, Nigdi, Pune – 411044, India
☎ +91 (020) 27654694
- 📍 **Project Office**
1st Floor, Plot No. 17, Sangath Bungalows,
Off Sama Savali Road, Vadodara – 390008, India
☎ Tel : +91 9011932007
- ☎ Tel : +91 7517527527
@ tascgroup@eximpinc.com

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.”



www.eximpmeasurement.com
empl@eximpmeasurement.com



Flow
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Level
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Temperature
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Tekvalsys