



About Us

## Eximp Measurement Pvt. Ltd.

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.

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📍 **Corporate:** Greater Kailash, New Delhi – 110048  
**Sales:** Nigdi, Pune – 411044  
**Projects:** Vadodara, Gujarat – 390008

## Tek-CoVor 1300D

Key Features:

- **Accuracy:** ± 5% of Reading
- **Line Size:** ½" to 12"
- **Temperature Limits:** -330 to 500°F
- **Pressure Limits:** 30 to 2750psi
- **Output Signal:** 4 to 20mA, Pulse, HART
- **Process Connections:** 150# to 900# ANSI Flange
- **Display:** 2 line x 16 character LCD digital display
- **Approvals:** FM, FMC, ATEX, IECEx

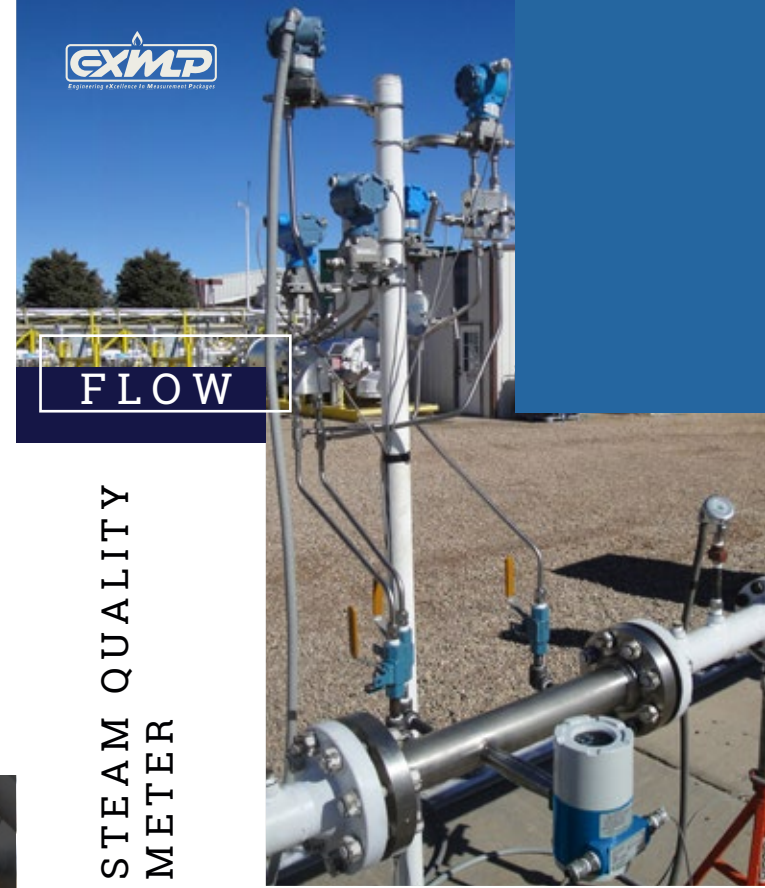
## Support Services

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.”

☎ Tel: +91 751-752-7527

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STEAM QUALITY  
METER

## Measurement Solutions

In today's manufacturing industries, one specific new challenge is the measurement of steam flow and steam quality. Steam flow measurement requires flow meters that can operate accurately in a consistent manner at challenging conditions.

Tek-Trol's Tek-CoVor 1300D Steam Quality Meter provides accurate steam flow and steam quality measurement. This unique meter utilizes two flow meter technologies in a combination of Vortex and Cone Flow Meter. Two meters complement each other's performance as this design has put together two separate flow metering systems into a hybrid system where combination of Vortex and Cone Flow Meters provide volume, density and mass flow measurement.

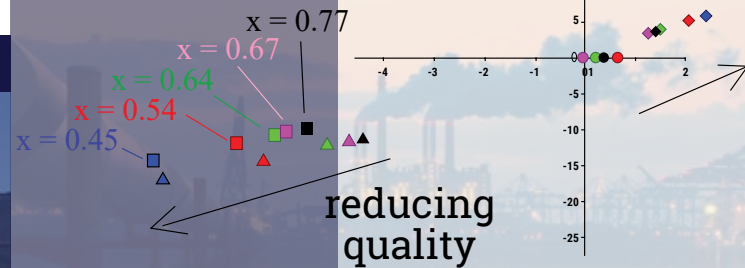
# Tek-CoVor 1300D

## Velocity, Temperature, Pressure

- Multivariable meter that incorporates temperature, and pressure sensors to provide a reliable liquid loading measurement and gas mass flow rate.
- Offers flow computer functionality in a compact field device. The field-configurable electronics delivers up to three analog 4-20mA outputs of five process measurements, such as volume, mass, pressure, temperature, and density.
- Predicts the gas volume flow without knowing fluid density, calculates the density of changing gas mixtures, measures homogenous flow, and provides reliable steam quality.
- It is also used for oil and gas applications, where the meter is available for downhole steam injection and wet gas applications.

Advanced diagnostic with continuous monitoring and verification for meter's performance.

# TEK VALSYS DP



# Tek-CoVor 1300D

## Velocity, Temperature & Velocity

- Tek-CoVor 1300D-VT integrates a precision 1000Ω platinum RTD temperature sensor that can be used to calculate and output a compensated mass reading. This device provides a reliable steam quality (dryness) measurement and steam total mass flow rate reading (steam & water mixture).
- Tek-CoVor 1300D-V (Velocity) delivers a direct reading of volumetric flow rate, where the most cost-effective solution for liquid flow monitoring in applications ranging from general water flows to hydrocarbon fuel flow measurement.
- These Steam Quality Meters are widely used in the autoclave sterilization process of pharmaceutical industries, vulcanization process in rubber manufacturing, refining, boiler house, and food processing industries.



# Tek-CoVor 1300D

## TekValSys DP

Since Tek-CoVor 1300D Steam Quality Meter is a combination of Vortex and Cone, TekValSys DP helps validate DP Cone element if working correctly and is used to read DP flow readings.