

FLOW



P D FLOW METER 2" 550 LPM

Taurus Series Flow Meter

T-550

The T-550 is an efficient and highly accurate Positive Displacement Flowmeter. Proven design of Tri-rotor ensures minimal wear and longer service life.



Meter with Mechanical Counter

DESIGN FEATURES.

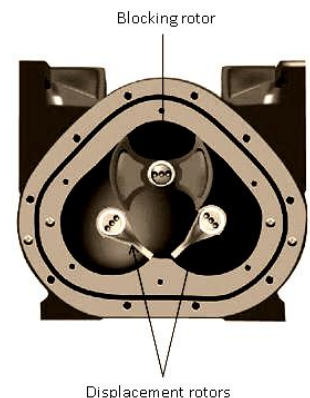
- High Accuracy
- Lack of internal friction (No metal to metal contact)
- Low pressure drop
- Bi-directional liquid flow
- Suitable for wide range of liquid
- Meets world wide Metrological Standards
- Mechanical and Electrical readout
- Long service life



Meter with Pulse output

PRINCIPLE OF OPERATION.

The T-550 flow meter has a simple and robust design. It consists of a housing and three rotors. The rotors are supported by bearings plates. The calibrator captures the rotor rotation in a calibrated manner and transmits to a counter.



Specifications:

Design Type	: P D Meter Tri-Rotor
Size	: 2" (50 mm)
Flow Range	: 30 to 550 LPM.
Standard Unit	: Liters (Gallon Optional) *
Repeatability	: 0.02%
Working Temperature	: (-) 30°C to 70°C.
Connections	: Flanged, ANSI.
Pressure rating	: 10.5 Bar (150 PSI) (High Pressure Build Optional) *

Material of Construction:

Housing	: Cast Steel ASTM WCB : Aluminium Alloy : SS 316
Rotor	: Aluminium Alloy : SS 316
Bearings	: Carbon
Rubber Parts	: Buna-N (Nitrile) : Viton : Teflon

Counter Options:

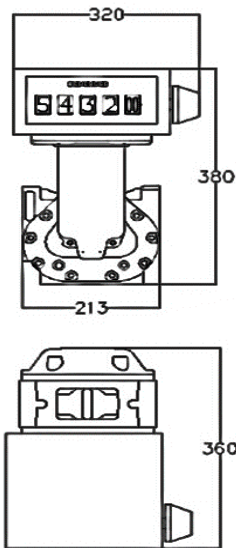
- : Vermont Counters & Presets
- : Electronic Digital Readout
- : Vermont E-Type
- : Veeder Root Counters

Applications:

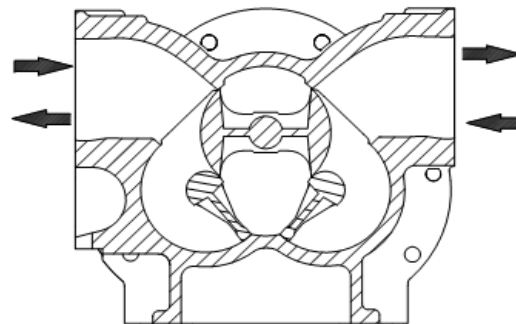
- Truck meter /Refuellers/
Aviation Fuel Bowers.
- Tank Truck / Barrel Filling.
- Blending and Dispensing in
Chemical and Process industry
- Marine Boat loading/ unloading



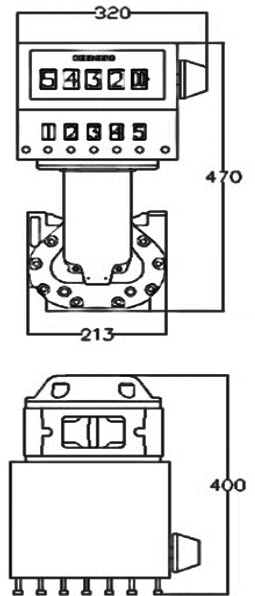
T-550 Preset Meter



T-550 With Counter



Cross Sectional View



T-550 With Preset Register

Rev:1/24.03.17

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