



V-MEASURES
PRIVATE LIMITED



Water-Cut Meter

V-Measures introduces V-CUT, a highly advanced water-cut meter delivering high accuracy water-cut measurement over the entire range of water-cut, 0~100%. It is a unique combination of multiple sensing techniques such as Electrical Impedance and Photo-Luminescence. It also uses high frequency data acquisition and analytic incorporating Data Validation and Reconciliation, DVR techniques in achieving higher accuracy.



SPECIAL FEATURES

- ◆ Features
- ◆ Automatic Temp Comp
- ◆ Built in Density Comp
- ◆ HART + Modbus available
- ◆ PC Interface

APPLICATIONS

- ◆ Oil and Gas
- ◆ Pharmaceutical Industry
- ◆ Food and Beverages
- ◆ Alkalis and acids
- ◆ Chemical industry

TECHNICAL SPECIFICATION

Principle of Operation:

Photo-Luminescence & High Frequency Digital Electrical Impedance

Response time: 1 sec

Resolution: 0.05%

Sensitivity: 0.01%

Accuracy: 0.05% Absolute

Repeatability: 0.1% Absolute

Output: 4-20mA + HART

Power Supply: 24VDC/220VAC

Power Consumption: 1.2W Max

Temperature (Media): +150° C

Temperature (Ambient): +65° C

Ingress Protection: IP66

Measurement Range: 0-100%

Pressure Rating: Up to Class 1500#

Nominal Sizes: 2 inch to 6 inch

Material of Construction: 316L (others on request)

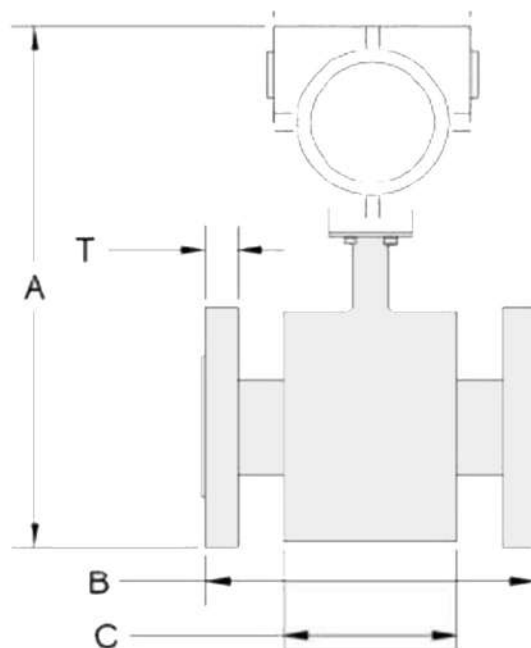
Seals and electrical insulators: PEEK

Water Range: 0~100%

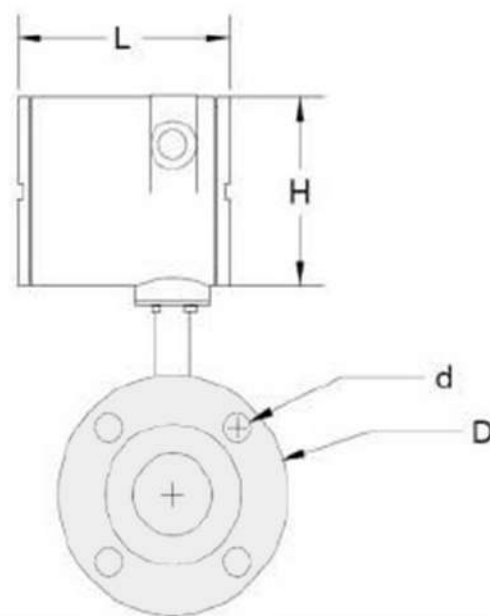
Temp Compensation Range: >0° C - 180° C

Wetted Part: Steel Material 316L Standard (More exotic materials available)

Process Connection: ANSI



(FRONT VIEW)



(SIDE VIEW)



Company address:

V-MEASURES PRIVATE LIMITED

CIN: U74999KL2019PTC060611, REGD OFFICE: TC 43/258 DEEPAM THOTTAM, MANACAUD P.O
Thiruvananthapuram; Kerala India 695009