



EUREKA

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, ISO 17025:Certified

DENSITY METER



**EUREKA
INDUSTRIAL
EQUIPMENTS
PVT. LTD.**

REGD. & SALES OFFICE : 17-20, 1st Floor, Royal Chambers, Paud Road, Pune - 411 038, Maharashtra, India.

■ Tel: 0091-20-25443079 ■ sales@eurekaflow.com

FACTORY

: 501, 'J' Block, M.I.D.C., Pimpri, Pune - 411018.

■ Email: works@eurekaflow.com

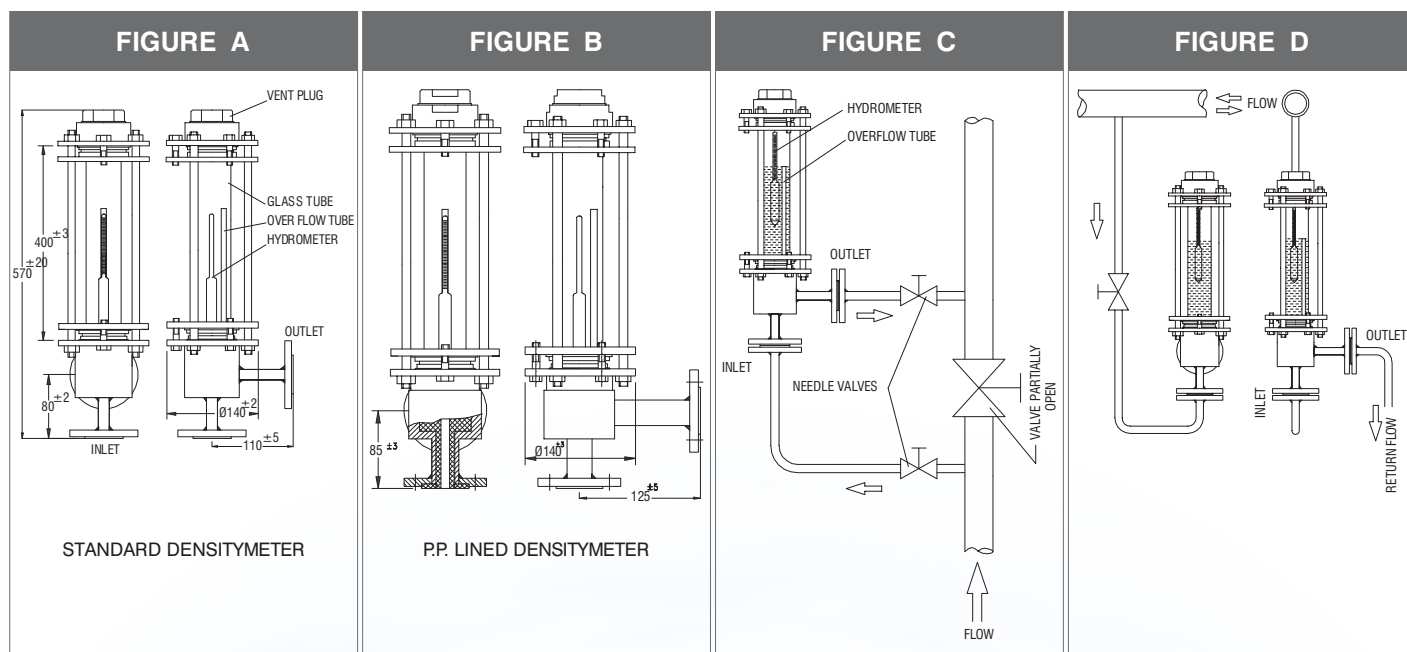
MUMBAI OFFICE

: Office No.116, Growmore Tower, 1st Floor, Plot No.5, Sector No.2, Kharghar, Navi Mumbai - 410 210 ■ Mobile: 9322598274

www.eurekaflow.com

DENSITY METER

Typical Arrangement & Installations



Working Principle

EUREKA make Density meter works on a principle of Hydrometer. The general arrangement is shown in fig A & B After lifting the Hydrometer in liquid, liquid level intersects with The scale on the Hydrometer. the corresponding marking on Hydrometer scale is an indication of density.

Installation :

Always install the Density meter across any differential producing device (fig. C). Ensure that the Density meter is used for the condition which are specified in the test certificate. Density meter can also be installed as shown in fig. D. In such cases do not install valve at the downstream side of the Density meter.

Operation :

Refer fig. C Adjust inlet valve in such manner that liquid level inside the Density meter touches top portion of over flow tube. Any excess liquid will be by passed through over flow tube to the outlet. The intersection of the Hydrometer scale with liquid level indicates Density/Specific Gravity of the liquid.

Specifications :

Density/Secific Gravity Range	: To be specified by Customer
Temperature Rating	: 60°C
Pressure Rating	: 9 kg/cm ² g for MS/ SS Wetted Parts & 3 kg/cm ² g for pp lined wetted parts
Process Connection	: 15NB to 25NB Flanged or Screwed (Screw Conn. not Applicable for PP lined Parts)
Hydrometer MOC	: Glass (Borosilicate Glass Against Request)
Wetted Parts MOC	: SS / MS / PP Lined
Enclosure	: Glass Tube in Open Frame

Accessories :

Pocket for Thermometer (Not Applicable for PP Lined Parts)