

DENSITY METER FOR SOLID AND LIQUID SAMPLES - 1No.

(Tender Ref. No. NIN/ST/12/Tender/2019/Density meter/42)

Features:

- a) The system should have temperature and viscosity correction for density measurement.
- b) Display should read :True density, Specificgravity, Concentration and density related values
- c) The instrument should have built in peristaltic pump for filling samples and detection of gas bubbles in the filled sample cell.
- d) The system should have real-time camera for visual inspection of measuring cell.

Specifications:

| | |
|------------------------------|--|
| Accuracy | : 0.001 g/cm ³ |
| Measurement Range | : 0 to 3 g/cm ³ |
| Repeatability s.d. | : 0.0002 g/cm ³ |
| Pressure range | : 0 to 10 bar |
| Temperature range | : 15 to °C40 °C |
| Temperature accuracy | : ≤0.3 °C |
| Temperature Repeatability | : ≤0.3 °C |
| Temperature equilibrium time | : < 4 minutes |
| Temperature control | : Peltier controlled |
| Minimal sample volume | : ≤1ml |
| Communication interfaces | : 1 x Bluetooth and 1 x USB and Bluetooth adaptor for PC |
| Off -the-line operation | : 2-3 heures |
| Operating voltage | : AC 230 v, 50 Hz |