

MAIN COMPONENTS

The major equipment comprise of the following:

Si. No.	Main Component/Equipment	Unit	Quantity
1.	'Online density meter with accessories	No.	1

TECHNICAL SPECIFICATIONS FOR Online density meter with accessories

Feature	Required features
Application	Online measurement of liquid solution (R134a+DMF) density Where, R134a - 1,1,1,2-Tetrafluoroethane DMF – Dimethylformamide
Measuring range	0-3 g/cm ³
Measuring temperature range	5 to 100°C
Max. Pressure	50 bar
Flow rate	100 To 500 lph
Ambient temperature	20 to 50°C
Ambient air humidity	0 to 100% RH
Accuracy	1 × 10 ⁻⁴ g/cm ³ 0.1°C
Repeatability	5 × 10 ⁻⁵ g/cm ³ 0.05°C
Reproducibility	0.00005 g/cm ³
Digital resolution	0.0001 g/cm ³
Material of the sensor/wetter parts	Compatible with R134a+DMF solution
Measuring time per sample	30 sec
Data memory	1000 measurement results
Connection/Fittings	** (Standard thread)
Power supply	** DC/AC
Interfaces	USB/RS-232/VGA/Ethernet
Warranty	Minimum one year warranty period from the date of installation.
Eligibility Criteria	a.Should have Supplied to any IIT in India & details to be provided. b. Reputed Make

** - Bidder has to specify in their offer

Note: All the technical parameters are indicative value, Bidder will be designing and specifying in their offer