



Email : sales@laboratoryinstrumentindia.com

Product Name :
Multiphase Flow Unit

Product Code :
LBNY-0005-12800017



www.laboratoryinstrumentindia.com

Description :

The unit provides for various investigations including single phase flow, hydrostatic and dynamic pressure investigations, hold-up time and slip velocity, 2-phase separation and superficial velocity, drift velocity in air/water flow, 2-phase flow, 2-phase and 3-phase flow separation rates, bubble structures and bubble sizes. The Multiphase Flow Unit which is particularly suitable for oil and gas courses enables students to study 2- and 3-phase flow (oil, water and compressed air) by means of once through experimental runs followed by gravitational separation. The unit is operated via a touch-screen PC with SCADA software and may be specified with an electrical capacitance tomography sensor option for advanced studies in flow and bubble structure imaging.

Features:

- Industries largest operating envelope
- Exceptional dynamic response time
- Compact and robust design
- Qualified and covers all environments
- No separation required
- No moving parts
- 100% gas void fraction capability.

Technical Specification :

Multiphase Flow Unit



Laboratory Instrument India