



Email : sales@laboratoryinstrumentindia.com

Product Name :
Multi Pump Test Rig

Product Code :
LBNY-0005-103000280



Description :

A mobile self-contained Multi-Pump Test Rig, containing all the services & instrumentation for determining the characteristic curves of eight different pumps at different speeds.

For Rotodynamic Pumps:

Pressure head vs flow

Power absorbed vs flow

Pump efficiency vs flow

For positive displacement pumps:

Flow vs pressure head

Power absorbed vs pressure head

Volumetric efficiency vs pressure head

Centrifugal pump and gear pump supplied as standard

Axial pump, flexible impeller pump, turbine pump, diaphragm pump, plunger pump and a second centrifugal pump are all available as accessories

Contains five different pump positions (four active at the same time). Digital readout enables mounting of selected pump

Control valve incorporated upstream of each pump (except axial pump) to demonstrate the effect of suction loss on performance

Electronic measurement of flow, pressure head, suction head and motor torque

Optional volumetric flow measurement system for reciprocating pumps

Series/parallel pump demonstrations can be performed with the second centrifugal pump option

A PC (not supplied) is used to set the required speed of the pump(s) on test. A separate mimic diagram for the selected pump(s) on test displays the important measured and calculated variables

Data logging and educational software included.

Technical Specification :

Multi Pump Test Rig



Laboratory Instrument India