



Email : sales@laboratoryinstrumentindia.com

Product Name :
Ejector Steam Bench

Product Code :
LBNY-0005-1630009



Description :

Incorporating a typical commercially available steam ejector instrumented for the measurement of temperature and pressure at the steam inlet, suction inlet and delivery outlet. The apparatus is supplied complete with service facilities relating to water supply, blowdown and drainage together with a set of four stainless steel flexible hoses which enable the bench to be connected to other steam benches to form a comprehensive system. Ejector Steam Bench consists of a sturdy framework and panels of all steel construction, fitted with a student work surface, interconnecting back panel and adjustable feet. Two water tanks acting as a suction tank and a delivery tank respectively, are inter-connected in such a way that water can be returned to the suction tank to permit experiments with suction water at varying temperatures. Water supply to the suction tank is via a flow meter.

Experimental Capability:

- To investigate the overall efficiency of the ejector.
- To investigate the efficiency when used as a pump.
- To investigate the efficiency when used as a feed water heater.

Technical Specification :

To comprise a sturdy framework and panels of all steel construction including student work surface and fitted with a mild steel header assembly enclosed within a header box and fully insulated with mineral wool; an ejector will be fitted with steam supply line, suction line and delivery line, each fitted with a combined isolating and control valve, a temperature measuring point complete with a type K thermocouple and a pressure measuring point; 3 pressure gauges scaled 0-16 bar, -1 to 3 bar and 0-4 bar respectively for steam pressure, ejector suction and ejector delivery; a 0- 250°C analogue temperature meter and multi-position selection switch.



Laboratory Instrument India