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Product Name :
Condenser Steam Bench

Product Code :
ENGLABINGCAG11100008



Description :

Condenser Steam Bench

Technical Specification :

Compact modular design
Low capital cost
Easy Installation
Comprehensive instrumentation
Utilises industrial standard horizontal shell and tube type condenser
Pressure test certificates supplied for major components engine

Specification of Condenser Steam Bench:

Steam bench designed for investigating the overall heat transfer coefficient of condenser tubes for varying conditions of condenser inlet and outlet pressure and rate of cooling water flow, together with demonstration of vacuum creating capability of condensing steam in a closed system.

The bench comprises, a multi-tube surface condenser with steel body and copper tubes, and fitted with a relief valve set to vent to atmosphere at 1 bar and a steam discharge line including an isolating valve and pressure and temperature measuring points; a mild steel fabrication condensate tank fitted with 0-50 cm graduated scale, an overflow pipe and a drain line including an isolating valve; steam feed pipework, including an isolating valve, and fitted with pressure and temperature measuring points; condenser cooling water supply and drain pipework, with an isolating valve and a safety flowmeter in the supply line and a control valve in the drain line, both lines being fitted with temperature measuring points.



Engineering Lab Equipment India