

Product Name :
Heat Engineering Equipments for Teaching Equipments Lab

Product Code :
LABS-EDU-00115



Description :

Heat Engineering Equipments

This unit has been designed to provide results (visual and quantitative) related

to heat transfer in shell and tube type water cooled condensers.

Bench-top unit.

Anodized aluminium structure and panels in painted steel.

Main metallic elements in stainless steel.

Diagram in the front panel with similar distribution to the elements in the real unit.

Steam to water shell and tube condensing heat exchanger having its own 3KW

steam generator and four U tube condensers.

Three interchangeable manifolds allowing single, double or four pass operation.

Heater.

Circulating pump.

Temperature sensors to measure steam chamber and condenser inlet and outlet

temperatures.

Pressure sensor to measure pressure drop across condenser.

2 Flow sensors to measure total water flow through condenser and water flow from mains.

Pressure sensor for steam chamber pressure.

Safety elements as pressure relief valve, pressure switch etc.

The complete unit includes as well:

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773