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Product Name :
Heat Exchanger Trainer With PID Loop Control

Product Code :
LBNY-0005-10600010



www.laboratoryinstrumentindia.com

Description :

The Heat Exchanger Trainer With PID Loop Control are of equal surface area with each one having unique features. The Heat Exchanger Trainer apparatus consists of six heat exchangers with associated fluid temperature indicators and flow indicating controllers. Trainees are able to learn the impact of: construction material, flow pattern or direction, turbulent or laminar flow, and exchanger design. The transfer of heat energy between fluids is a very common industrial operation.

Technical Specification :

A valve is provided to reverse the tube-side flow direction
Six common industrial type heat exchangers
Copper U tube exchanger in a Plexiglas shell with and without baffles
Water flow rates controlled with flow meters PID controllers and pneumatically actuated control valves
Temperature measurement of inlet and discharge waters
Four pass shell and tube exchanger brass
Single pass shell and tube exchanger brass and stainless steel
Braze Plate exchanger with stainless steel plates
Approximate overall dimensions 160cm x 108cm x 164cm high
Available in all world voltages frequencies.

Laboratory Instrument India

