

Product Name :
Flow Boiling Demonstration Apparatus

Product Code :
NLAB-ENGINEERINGLB56006



Description :

Flow Boiling Demonstration Apparatus

Technical Specification :

Evaporation in a water pipe evaporator

Laboratory trolley with strong metal sheet

Evaporation pipe made of double-wall glass, heated with hot water

Evaporation in inner pipe, heating in the outer sheath

Circulating pump

Water jet pump for generating partial vacuum

Technical Data

Heater

Power rating: 2kW

Temperature range: 5...80°C

Pump

Max. flow rate: 1,9m³/h

Max. head: 1,5m

Power consumption: 58W

Water Jet Pump

Required water pressure: 0.5bar

Flow rate: 4...12L/min

Final pressure: 16mbar

Tube Evaporator

length: 1.200mm

Inner diameter: 13,6mm

Outer diameter: 24mm

Liquid For Evaporation

Quantity: 0,5L

Pressure range: -1,0...1,5bar relative

Condenser: copper coil

Measuring Ranges

Pressure: -1...1,5bar relative

Temperature: 0...100°C

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