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Product Name :
Supply Unit For Chemical Reactors

Product Code :
LBNY-0005-12700019



Description :

Water circuit with tank, heater, temperature controller, pump and low water cut-off for heating and cooling (with w/ 110.20 water chiller)
Supply unit for 6 different chemical reactor types
Connection of the reactors via hoses with quick-release couplings
Temperature control of the reactants and reactors
5 peristaltic pumps to deliver the reactants and products
2 combined sensors for measuring the conductivity and temperature
3 glass tanks for reactants and products.

Technical Specification :

Peristaltic pump for reactants
Max. Flow rate: approx. 120ml/min
With hose 8,0x4,8mm
Water Pump
Max. Flow rate: 10l/min
Max. Head: 30m
Power consumption: 120W
Peristaltic pump for products
Max. Flow rate: approx. 240ml/min
With hose 8,0x4,8mm
Heater
Power consumption: 3000W

Measuring Ranges
Conductivity: 0...100ms/cm
Temperature: 0...60°C
Speed of the peristaltic pumps: 1x 0...100min⁻¹
Tanks
Reactants: 2x 3L
Product: 5L
Heating water: 8L.



Laboratory Instrument India