

Product Name :
Heat Exchangers Apparatus

Product Code :
DM884



Description :

Heat Exchangers Apparatus

Technical Specification :

Heat Exchangers Apparatus

Service unit

Bench-top framework of stainless steel

Hot water generator of stainless steel with electronic temperature control, pump, heater of 2 kW and level switch

Pressure controller of cold water

2 electronic flowmeters

6 thermo resistances Pt100

Switchboard of painted carbon steel with ELCB

All data can be acquired by PC via the optional data acquisition software with interface system

Power supply: 230 Vac 50 Hz single-phase - 2,5 kVA

(Other voltage and frequency under request)

Dimensions: 850 Å— 700 Å— 770 mm

Weight: 70 kg

Tube-in-tube heat exchanger

6 sections of double pipes (outer pipe of transparent Plexiglas, inner pipe of stainless steel)

Possibility of using 2, 4 or 6 sections to change the total exchange surface (0.027, 0.054 and 0.081 m2)

Pipes can easily be disassembled for cleaning Plate-type heat exchanger

10 plates of stainless steel with exchange surface of 0.1 m2 Shell-and-tube heat exchanger

Shell of transparent Plexiglas with two baffles

7 (removable) inner pipes of stainless steel

Surface of 0.02 m² Jacket tank heat exchanger
Tank with jacket and coil
Stirrer of variable speed with baffle
Supervision software with interface
For Windows
Synoptic with the values of the measured variables
Real-time trend
Historical trend

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