

3212 bis 250°C Technical Data:

Technical Data:

Circuits

Number 2

Flow temperature

max. 250 °C

Heating capacity at 400V

Standard 10 KW

Standard 20 KW

Cooling capacity

Cooling water temperature 20 °C

Flow temperature 170 °C

Δ T 150 K

Standard 20 KW

Standard 40 KW

Standard 60 KW

Pump capacity

Typ PM1

max. flow quantity 60 l/min

max. pressure 7,5 bar

Capacity 1,1 KW

Oil tank

Capacity 25 l

Regulation

Standard Flow

Optional Return flow

Optional External

Connection voltage

Standard 400V/50Hz
3PE

Connections

System circuit 1/2"

Cooling water circuit 1/2"

Dimensions

Width 500 mm

Height 1300 mm

Depth 1120 mm

Weight

Standard 280 kg

Basic equipment:

- Peripheral pump with magnetic coupling and ceramic shaft
- Fully automated ventilation
- Dry run protection
- Internal bypass
- Manometer in flow
- Sturdy tubular frame
- Detachable casing
- Colour blue/grey
- Control cabinet IP54
- Enforced heating and cooling system
- Ceramic insulation
- Cold oil chamber

- µP128 micro process control with multilingual plain text display
- Simple handling
- Target/actual temperature display
- Setpoint switching (Start/Production)
- Cooling with automatic stop
- Timer switch
- Operational hour meter
- Service interval
- Flow monitoring
- Oil back suction
- Leak stop operation
- Malfunction and warning information with code and plain text
- Sensor break monitoring
- Overheating protection for thermal oilMonitoring of the maximum and minimum set value
- Integrated storage model
- Error log with date and time
- Energy-saving mode

Options:

- Oil back suction with automated ventilation
- Blow fixture Cooler
- Return flow sensor
- Level monitoring (min, min warning, max.): red light, white
- Oil filling front
- Oil-tank lid self-closing
- Flow measurement 4 - 50 l/min
- Automatic oil filling front
- Optical level display
- Plexiglas front cover
- External switch-on connection
- External sensor connection (Fe/CuNi)
- External sensor connection (PT100)
- Interface RS485
- Moulding cycle-Break
- Central malfunction indicator: red light
- Central malfunction indicator: plug
- Central malfunction indicator: Horn door
- Central malfunction indicator: sound generator lid
- Operating status indicator: green light
- Operating status indicator: plug
- Interface Profibus external (up to 8 circuits)
- Interface Profibus internal

Attachments:

- Connection cable
- Installation kit system circuit
- Installation kit cooling water connection
- Pump protection with filter element
- Pollution display with pump protection filter
- PC-Program

Further options and attachments on request