

**Unique technical features
designed to inspire YOU!**

Julabo

The 'HighTech' Series

-95 °C to +300 °C



HE + SE Circulators



HL + SL Circulators

Supreme temperature control solutions for the most demanding applications with powerful pressure/suction pump systems



VFD¹⁾ COMFORT-DISPLAY,
resolution 0.01 °C



Online
communication



Illuminated display
for pump stages 1 to 4



Integrated
programmer



Keypad 3 with menu
functions ICC, TCF,
ATC3, PPC



Early warning system
for low liquid level



Intelligent
Cascade Control



Early warning system
for high/low tempera-
ture limits



Temperature
Control Features



Adjustable high
temperature cut-off
visible via VFD



Absolute
Temperature Calibration



Safety class III
(DIN 12876-1)



Pump
Pressure Control



External sensor
connection

**Top-of-the-line models: even EASIER to use and
upgradeable with HSP booster pump + HST booster heater**



VFD¹⁾ COMFORT-DISPLAY,
resolution 0.01 °C



External sensor
connection



Illuminated display
for pump stages 1 to 4



Online
communication



LCD
DIALOG-DISPLAY



Integrated
programmer



Keypad 3 with menu
functions ICC, TCF,
ATC3, PPC



'Stakei' connections
for solenoid valve, etc.



Intelligent
Cascade Control



Early warning system
for low liquid level



Temperature
Control Features



Early warning system
for high/low tempera-
ture limits



Absolute
Temperature Calibration



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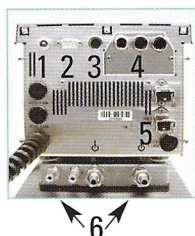


Pump
Pressure Control



Safety class III
(DIN 12876-1)

The 'HighTech' series (rear view):



with connections for

- 1 External Pt100 sensor
- 2 RS232 / RS485 interface
- 3 Refrigerating unit / solenoid valve
- 4 **Electronic module** (option)
- 5 'Stakei' connections (HL, SL models)
- 6 Pump and cooling coil

Option for the 'HighTech' series:



**Electronic module
with analog connections**
(order no. 8 900 100)

- A Alarm output
- B Standby input
- C Analog interface with one input and two outputs
for external programming, flow sensor or
temperature recorder (current/voltage), scalable

¹⁾ VFD: Vacuum Fluorescence Display