



## Product Data Sheet

### ME-18V Visco Bath

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#### Product Image



#### Order Information

**Model:** ME-18V  
**Order no.:** 9160518

Available mains power:  
230V / 50-60Hz  
100-115V / 50-60Hz

#### Similar Models

These models could also be interesting for you:

**ME-16G**  
**ME-31A**

#### Sales & Support:

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#### Description

Visco Bath for internal temperature applications

JULABO Visco Baths are used for precise temperature applications with capillary viscometers and density meters within the bath tank. The units offer high temperature accuracy and optimal temperature distribution throughout the bath. An integral cooling coil for cooling water is provided for temperature applications below or near ambient temperatures. The units are equipped with a holder for thermometers and therefore offer very good options for temperature calibration procedures and comparisons with accredited thermometers.

#### Advantages

- o VFD COMFORT DISPLAY, resolution 0.01 °C
- o Keypad for setpoints, warning/safety values and menu functions
- o PID3 cascade temperature control
- o ATC3 3-Point-Calibration
- o Pt100 External sensor connection for measurement and control
- o SMART PUMP, electronically adjustable pump stages
- o Early warning system for low liquid level (DBGM 203 06 059.8)
- o Adjustable high temperature cut-out, visible via display
- o RS232 interface for online communication
- o Integrated programmer for 10 program steps
- o Instruments can be used according to ASTM standard D445

#### Technical Specifications

Working temperature range	20 ... 150 °C
Temperature control	PID, cascade
Temperature stability	±0.01 °C
Display	VFD
Display resolution	0.01 °C
Integrated programmer	available
Heater capacity	2000 W
Pump capacity	Pressure: 450 mbar Flow rate: 11-16 l/min
Digital interfaces	RS232
External Pt100 sensor connection	available
Bath opening / bath depth (W x L / D)	9 x 9 (2 x) / 37 cm
Filling volume	18 Liters
Dimensions (W x L x H)	36 x 24 x 54 cm
Weight	17 kg
Ambient temperature	5...40 °C
Classification according to DIN 12876-1	3 (FL)

#### Miscellaneous

Bath cover with 4 round openings 51 mm dia. available as accessory (order no. 8 970 294).