

Baths & Circulators

Viscometer Heating Baths

Ultra precise temperature control with excellent visibility.

VB-G Models provide superb temperature stability as well as crystal-clear visibility required for kinematic viscosity measurement using glass capillary viscometers.



Operating Features

- +5°C above room temperature to 150°C.
- Microprocessor PID control / Automatic tuning / Calibration.
- Digital timer for delayed ON/OFF. (from 1 min to 99 hr 59 min)
- Protection against over-temperature and low fluid level.
- Convenient memory function of up to three frequently used temperature settings.
- Digital LED displays.
(0.01°C resolution at 0~99.9°C and 0.1°C resolution at 100~150°C)
- Splash-proof keypad.
- Simple conversion between Celsius and Fahrenheit.
- RS-232 interface.

Constructional Features

- Crystal-clear visibility provided by double tempered safety glass windows in front and rear sides.
- Isolated design of agitator, heater, and sensor by a baffle plate to minimize the turbulence in the bath fluid and also to protect users and samples against direct contact.
- Optimal temperature equilibrium achieved by a vane type stirrer with strong circulation power.
- Operations at below or slightly above ambient temperature allowed by the included stainless steel cooling coil.
(for operations from 10°C/50°F, use an optional cooling circulator)
- Ø 51mm holes (for glass capillary viscometer tubes) and a Ø12.6 mm hole. (for a thermometer)

VB-40G with the included SUS Covers

- Included Accessories**
- Stainless steel Covers for holes on the Top
 - Cooling Coil
- Optional Accessories**
- Tube Holders for U-shaped Viscometer Glass Tubes
(Up to 5 holders for VB-25G and up to 8 holders for VB-40G)
 - Cooling Circulators
- ➔ see page 21

Specifications & Ordering Information



Model		VB-25G		VB-40G	
Bath Volume (L / cu ft)		25 / 0.9		40 / 1.4	
Working Temperature Range ²⁾ (°C / °F)		Amb. +5 to 150		Amb. +9 to 302	
Temperature Stability ¹⁾ (±°C / °F)		0.05 / 0.09		0.1 / 0.18	
Dimension	Bath Opening / Depth (WxL, D) (mm / inch)	145×265, 368 / 5.7×10.4, 14.5		295×265, 368 / 11.6×10.4, 14.5	
	Cover Lids / Hole for Thermometer (mm)	5ea / Ø51, 1ea / Ø12.6		8ea / Ø51, 1ea / Ø12.6	
	Overall (WxLxH) (mm / inch)	492×374×547 / 19.4×14.7×21.5		642×374×547 / 25.3×14.7×21.5	
	Net Weight (kg / lbs)	28 / 61.7		37 / 81.6	
Electrical Requirements (230V)		60Hz, 13 A		60Hz, 13 A	
Cat. No.		AAH43301K		AAH43402K	

* VB-25G and VB-40G Models are available ONLY for 230V.

1) Technical data according to DIN 12876.

2) If you want to operate the unit below Amb. + 5°C (Amb. + 9°F), an optional cooling circulator is required.

The lowest temperature when using an optional cooling circulator is +10°C (+50°F). For ordering information, see page 17.