

TC-502 (Water Bath)

Circulating, Refrigerated Water Bath

Product Description



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Why control temperature for viscosity measurement? Defecting changes in your sample's properties is valuable information for predicting your product's performance.

Temperature control during viscosity measurement helps insure accurate test results.

What makes the TC-502 stand out from the rest? It measures directly in the bath and operates in standalone mode.

The TC-502 Temperature Control Bath is configured to measure multiple samples in the bath and is available with either an enhanced digital controller (TC-502D) or with a programmable controller (TC-502P). How do you choose?

PROGRAMMABLE CONTROLLERS...

- Offer the highest level of performance, flexibility, and control for the most demanding applications.
- Full graphic display with help menus
- Intuitive, one-touch control
- Time and temperature programming with data logging
- RS-232 Interface - Use with [Rheocalc™](#) or [Rheovision™](#) Software
- Built-in service reminder
- Five speed pump control

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DIGITAL CONTROLLERS...

- Have easy-to-use controls. Just dial in your set-point and push a button, you're done!
- LED readout displays set point and fluid temperature
- 3 adjustable temperature pre-sets
- Unique rotary control allows rapid set-point adjustments
- Two speed pump

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Features & Benefits

- Provides standalone operation - no tap water required
- Easy control of set-point
- Configured to measure viscosity directly in the bath - accommodates 600 mL beaker
- Programmable Controller version is designed to automate sample temperature control
- Built-in circulator pumps to external devices

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Specifications

TC-502 BATHS

MODEL	Temperature Range Low	Temperature Range High	Controller	Cooling	Temperature Stability ¹	Digital Readout Accuracy
TC-502P	-20C	+200C	Programmable	Refrigerated	0.01C	LCD/ 25
TC-502D	-20C	+150C	Digital	Refrigerated	0.05C	LED/ 5

MODEL	Reservoir Capacity	Internal Work Area Diameter (Inches)	Overall Dimensions Diameter (Inches)	Weight (Gross)
TC-502P	6.0 liters	51/4 x 51/4 x 51/2	161/4 x 153/4 x 151/2	76 lbs
TC-502D	6.0 liters	51/4 x 51/4 x 51/2	161/4 x 153/4 x 151/2	76 lbs

¹ Temperature stability may vary depending on bath volume, surface area, insulation and type of fluid.
 Note: 1. Specify voltage and frequency when ordering.

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