

Temperature Control

You need to control sample temperature during viscosity measurements

Temperature control during viscosity measurement helps insure accurate test results. The addition of a Brookfield circulating water bath is a smart investment. The Brookfield TC Series Circulating Water Baths are uniquely configured for use with your Brookfield Viscometer or Rheometer.

Full Graphic Display
Programmable
Controller shown



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™ (p9) or RheoVision™ (p23) Software
- Built-in service reminder
- Five speed pump control



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

Temperature Baths

MODEL	Temperature Range Low	Temperature Range High	Controller	Cooling	Temperature Stability†	Digital Readout Accuracy	Reservoir Capacity	Internal Work Area DNWH† (inches)	Overall Dimensions DNWH† (inches)	Weight (Gross)
TC-602P	-20°C	+200°C	Programmable	Refrigerated	0.01°C	LCD/±.25	6.0 liters	5¼ x 5¼ x 5½	15¾ x 8¼ x 22½	70 lbs
TC-602D	-20°C	+150°C	Digital	Refrigerated	0.05°C	LED/±.5	6.0 liters	5¼ x 5¼ x 5½	15¾ x 8¼ x 22½	64 lbs
TC-502P	-20°C	+200°C	Programmable	Refrigerated	0.01°C	LCD/±.25	6.0 liters	5¼ x 5¼ x 5½	15¾ x 18¾ x 17	78 lbs
TC-502D	-20°C	+150°C	Digital	Refrigerated	0.05°C	LED/±.5	6.0 liters	5¼ x 5¼ x 5½	15¾ x 18¾ x 17	67 lbs
TC-202P*	-20°C	+150°C	Programmable	Tap Water**	0.01°C	LCD/±.25	10.0 liters	5¼ x 8½ x 7¾	15½ x 10¾ x 14¾	39 lbs
TC-202D*	-20°C	+150°C	Digital	Tap Water**	0.05°C	LED/±.5	10.0 liters	5¼ x 8½ x 7¾	15½ x 10¾ x 14¾	33 lbs
TC-102P*	-20°C	+200°C	Programmable	Tap Water**	0.01°C	LCD/±.25	6.0 liters	5¼ x 5¼ x 5½	14¼ x 8¼ x 14	29 lbs
TC-102D*	-20°C	+150°C	Digital	Tap Water**	0.05°C	LED/±.5	6.0 liters	5¼ x 5¼ x 5½	14¼ x 8¼ x 14	23 lbs
TC-351	-20°C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	17 x 14 x 14	72 lbs

* For use at lower temperatures, use the built-in tap water cooling, or use model TC-351 Cooler for control to -20°C.
FOR TEMPERATURES HIGHER THAN 80°C, PLEASE CONTACT BROOKFIELD FOR FLUID RECOMMENDATIONS.

Note: 1. Specify voltage and frequency when ordering.

** Tap water connection required.

N/A - Not Applicable

† Temperature stability may vary depending on bath volume, surface area, insulation and type of fluid