

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.



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™ (p7)

or Rheovision™ (p19) 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 D×W×H (inches)	Overall Dimensions D×W×H (inches)	Weight (Gross)
TC-602P	-20°C	+200°C	Programmable	Refrigerated	0.01°C	LCD/±.25	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	15 3/4 x 8 1/4 x 22 1/2	70 lbs
TC-602D	-20°C	+150°C	Digital	Refrigerated	0.05°C	LED/±.5	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	15 3/4 x 8 1/4 x 22 1/2	64 lbs
TC-502P	-20°C	+200°C	Programmable	Refrigerated	0.01°C	LCD/±.25	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	15 3/4 x 18 3/4 x 17	78 lbs
TC-502D	-20°C	+150°C	Digital	Refrigerated	0.05°C	LED/±.5	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	15 3/4 x 18 3/4 x 17	67 lbs
TC-202P*	-20°C	+150°C	Programmable	Tap Water**	0.01°C	LCD/±.25	10.0 liters	5 1/4 x 8 1/2 x 7 3/4	15 1/2 x 10 7/8 x 14 3/4	39 lbs
TC-202D*	-20°C	+150°C	Digital	Tap Water**	0.05°C	LED/±.5	10.0 liters	5 1/4 x 8 1/2 x 7 3/4	15 1/2 x 10 7/8 x 14 3/4	33 lbs
TC-102P*	-20°C	+200°C	Programmable	Tap Water**	0.01°C	LCD/±.25	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	14 1/4 x 8 1/4 x 14	29 lbs
TC-102D*	-20°C	+150°C	Digital	Tap Water**	0.05°C	LED/±.5	6.0 liters	5 1/4 x 5 1/4 x 5 1/2	14 1/4 x 8 1/4 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.

** Tap water connection required.

N/A - Not Applicable

Note: 1. Specify voltage and frequency when ordering.

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

BROOKFIELD TEMPERATURE CONTROL