

300W Compact Chiller

External cooling option for Constant Temperature Baths

The PSL Rheotek viscometer baths can be cooled with chilled tap water or a dedicated recirculating chiller.

Part Ref: 20450

300W Compact bench top re-circulating chiller for use with the Visibility Bath, the TCB-7 viscometer bath & the EVS TCB-5 Viscometer Bath. The chiller is regulated with an easy-to-use digital temperature controller

Operating temperature range 5 to 40 deg. C. Dimensions 39.1 x 20.3 x 33.8 cms (15.4 x 8 x 13.3"), 14 kg, 30 lbs. Power requirements 115V-230VAC,



Requirement for external cooling

When operating a constant temperature Viscometer bath at temperature near or below ambient, an external source of cooling is required to achieve temperature stability of $\pm 0.02^{\circ}\text{C}$. All PSL Rheotek Viscometer baths are supplied complete with cooling coil and hole covers.

Chiller Connection

The TCB-7 viscometer bath can be connected to an optional chiller, using a chiller connection kit. This includes tubing, in-line filter and clip connectors. The chiller should be located on the left-hand side of the bath i.e. adjacent to the cooling coil.

Coolant

Use 100% distilled water with an algae inhibitor or 30% glycol solution.

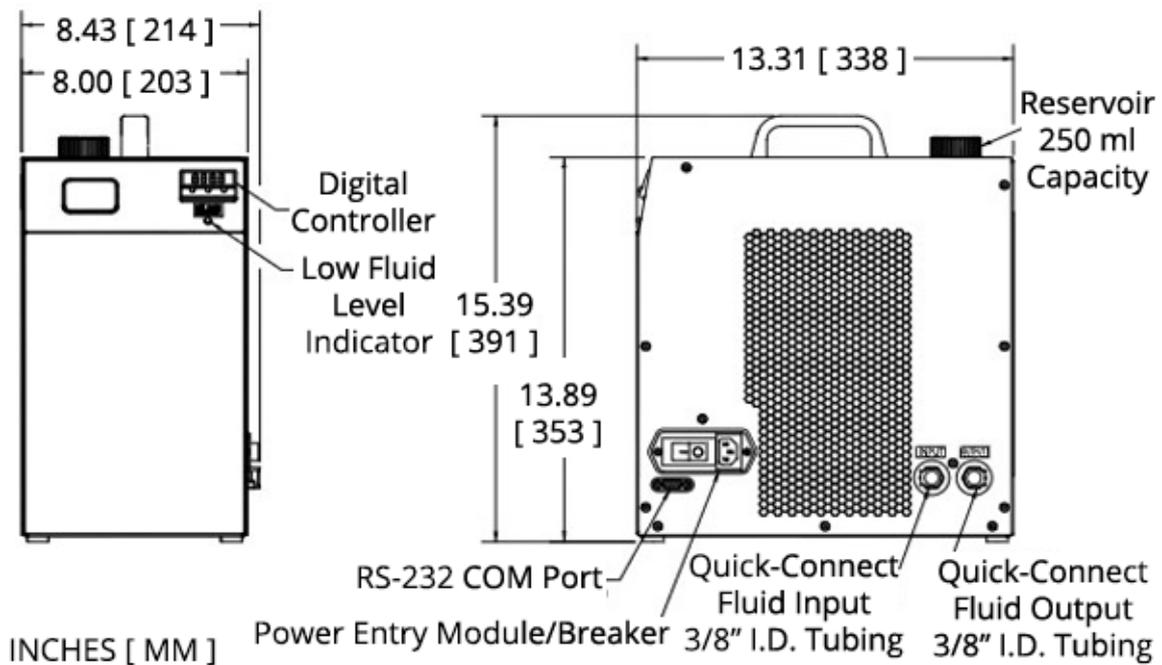
Chiller set-temperature

Set the chiller temperature 5°C below the viscometer bath set-point desired.

SPECIFICATIONS

Operating Environment Temperature Range	4°C to 45°C
Control Temperature Range (Water)	2°C to 40°C
Controller Accuracy	±0.16°C
Supply Voltage	115 VAC to 230 VAC
Current 115VAC (230 VAC)	8.5 Amps (4.3 Amps)
Power Supply	507 W
Frequency	50/60 Hz
Performance Tolerance	10%
Fluid Capacity	450 mL
Maximum Flow Rate	3.3L/min
Weight	13.60 kg

DIMENSIONS



ORDERING INFORMATION

300W Compact Chiller	20450
TCB-7 Bath/Visibility Bath Connection Kit	20452
EVS TCB Bath Connection Kit	20452/EVS