



Recirculating Coolers

The two recirculating coolers offered by Stuart® can be used with water to provide a more environmental solution to cooling, if used with a lower temperature cooling medium such as ethylene glycol they can also be used to offer more powerful sub ambient cooling.

Page 74 - Small capacity recirculating cooler
- Large capacity recirculating cooler



Recirculating Coolers

Recirculating cooler, SRC3

- Digitally set temperature
- Easy to read LED display
- Quiet operation
- Powerful 450W cooling capacity
- Safety cut out feature

The recirculating cooler offers powerful cooling for an external device. By accurately controlling the temperature of your cooling medium down to -20°C , efficiency of operations such as condensing can be greatly improved. A recirculating cooler is not only much more powerful than conventional water cooling, but is also an ideal alternative when water consumption is an issue for economical, environmental or practical reasons.

The SRC3 provides a powerful cooler with a compact footprint suitable for mounting on or under a bench. The LED digital display clearly shows the current temperature of the cooling medium to $\pm 2^{\circ}\text{C}$, while the set temperature is revealed by a one button press.

The unit has a dedicated drain for easy emptying and cleaning. It also incorporates a built in safety alarm to indicate an overload relay for the refrigeration unit. A dust filter is incorporated and can be accessed without tools via the removable front panel.

Recirculating cooler, SRC14

With all the features of the SRC3 the SRC14 is ideal where larger volumes are required, or when extra cooling capacity is needed, electron microscopes for example. The unit is floor standing with lockable easy roll castors to ensure excellent mobility.

Technical Specification

	SRC3	SRC14
Cooling capacity	450W at 10°C	1200W at 10°C
Temperature range	-20 to $+20^{\circ}\text{C}$	-20 to $+30^{\circ}\text{C}$
Control accuracy	$\pm 2^{\circ}\text{C}$	$\pm 2^{\circ}\text{C}$
Bath capacity	3 litres	14 litres
Pump rate	10 litres / minute	18 litres / minute
Dimensions, mm (w x d x h)	206 x 401 x 540	354 x 384 x 851
Net weight, kg	25	41
Electrical supply	230V, 50Hz	230V, 50Hz
IP Rating	32	32

Ordering Information

Model	Description
SRC3	Recirculating cooler, 3 litre capacity
SRC14	Recirculating cooler, 14 litre capacity

For a guide to cooling liquid selection see page 115.



SRC3



SRC14