

# Dip and Flow Coolers

## Baths and Thermoregulators

The Techne® Flow Coolers work in conjunction with a Techne® thermoregulator. The bath liquid flows through the unit which continually extracts heat from the bath fluid by means of the heat exchanger which is built into the unit. The cooling head of the Techne® Dip Cooler fits neatly and unobtrusively into the corner of the bath and can be secured with a specially designed mounting bracket (supplied). If cooling can be achieved by using cold tap water, a dip cooler is recommended as it conserves water and is easier and more convenient to use.



Techne® Dip and Flow coolers are designed for use when temperatures down to -35°C are required.

- Four models
- Compact refrigeration units for achieving temperatures down to -35°C\*
- Cooling head of the Dip Cooler fits neatly into the corner of a Techne® liquid bath (RU series of Dip Coolers)
- Designed for use with Techne liquid baths

### Technical Specification

Cooling (at 20°C ambient)		FC-200	FC-500	RU-200	RU-500
Minimum achievable temperature		-20°C	-35°C	-20°C	35°C
Cooling capacity: 20°C		140W	210W	145W	240W
Cooling capacity: 0°C		140W	210W	145W	240W
Cooling capacity: -10°C		110W	200W	110W	230W
Internal capacity		200ml	200ml		
Nominal dimensions					
(excluding handles/coil)	width	235	370	235	370
Overall, mm	length	420	430	420	430
	height	300	325	300	325
	Coil dimensions, mm	length	-	-	85
	diameter	-	-	75	75
Hose length to coil, mm		-	-	1250	1250

\*At an ambient of 20°C, using a mixture of 40% water, 40% antifreeze and 20% ethanol

### Ordering Information

Description	Product codes		
	230V	115V	120V
RU-200 dip cooler, -20°C	FRU2D	FRU2P	-
RU-500 dip cooler, -35°C	FRU5D	FRU5P	-
FC-200 flow cooler, -20°C	FFC2D	FFC2P	-
FC-500 flow cooler, -35°C	FFC5D	FFC5P	-
Cooling water control pack	-	-	FCP2P