

## Recirculating cooler

FL



The recirculating cooler is especially designed to work with Gerhardt analysis systems, like the VAPODEST product line, the SOX-THERM models as well as the digestors SMA (trace metal) and CSB (chemical oxygen demand).

This cooler may be used for continuous operation in combination with the Gerhardt systems as it offers constant working temperature as well as consistent pressure without contamination of the cooling agent. The multi-display ensures a user-friendly and easy operation. Optimal safety features are the automatic self-test when starting the instrument combined with sensors for the operation as well as protection of the pumps and the compressor. Furthermore, a high and low temperature warning function as well as a freezing protection are part of the features of the recirculating cooler. The space saving design allows installation underneath the lab bench.

### Models available and possible combination

#### Recirculating cooler FL 1201

designed for continuous operation in combination with

- up to four 2-place SOX-THERM extraction units
- up to three 4-place SOX-THERM extraction units
- up to two 6-place SOX-THERM extraction units
- all VAPODEST models
- automatic 20-place digestion unit CSB
- automatic 20-place digestion unit SMA



#### Recirculating cooler FL 601

designed for continuous operation in combination with

- up to three 2-place SOX-THERM extraction units
- up to two 4-place SOX-THERM extraction units
- one 6-place SOX-THERM extraction unit
- automatic 8-place digestion unit CSB
- automatic 8-place digestion unit SMA

### Technical specifications FL 601 and FL 1201

<b>Nominal voltage</b>	230 VAC 50/60 Hz
<b>Working temperature range</b>	- 20 to + 40 °C
<b>Temperature stability</b>	+/- 0.5 °C
<b>Display / Resolution</b>	LED / 0.1
<b>Pump capacity max.</b>	40 l/min
<b>Pump pressure</b>	1000 mbar
<b>Cooling capacity (20 °C)</b>	600 W (FL 601) resp. 1200 W (FL 1201)
<b>Ambient temperature allowed</b>	5 to 40 °C
<b>Cooling agent</b>	R 404 a
<b>Weight</b>	45 kg (FL 601) resp. 69 kg (FL 1201)

**Dimensions (W x D x H)**

320 x 500 x 600 mm (FL 601) re-  
sp.  
500 x 760 x 640 mm (FL 1201)