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Column Oven LCT 5100



The Column Oven is designed for maintaining the temperature of the liquid chromatograph columns. The distribution system of the heating energy is implemented through an aluminium block. The temperature is controlled at two places, with regard to the length of the column. Heating and cooling functions are ensured through Peltier elements. The control module of the Column Oven is also capable, besides its actual thermostat functions, of measuring and possibly controlling the temperature at two other places.

The control system is implemented either through the keyboard or through a computer and the CHROMuLAN program, for non-standard sets it is possible to switch the instrument on and ensure its readiness through TTL signals.

- [User manual](#)

Working temperature	0 up to 80 °C, on request max.100°C
Thermostating area	
- divided into three section	320x25x25, 320x25x18 a 320x25x14
- or into two section (optional)	320x25x25 a 320x25x25
Measurement range of additional regulators	0 up to100 °C, na optional 0 up to200 °C
Power output of the additional regulators	24V, 1A
Communication	RS 485 for CHROMuLAN, optional RS 232
Output controlling signals	4 (TTL)
Reading of response	2 (TTL)
Power supply	230V ±10% 50 Hz
Power input	max. 200 VA
Weight	9 kg
Dimensions (h x w x l)	120 x 240 x 400 mm

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