

Column thermostats

AZURA CT 2.1

The AZURA CT 2.1 is the new price attractive basic column thermostat. It is suitable for column thermostatisation above and below room temperature. The instrument operates with a microprocessor controlled Peltier element for exact temperature settings. It is possible to program linear and non-linear temperature gradients. The AZURA Column Thermostat can hold, depending on the column diameter, up to four liquid chromatography columns with a maximum length of 350 mm each. The maximum outer diameter of the HPLC column is 25 mm.



Thermostatting

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| Heating and cooling system | microprocessor controlled Peltier element for heating and cooling, fan supported 2-way air circulation |
| Temperature range | 5 – 85 °C |
| Heating/cooling rate | 2 °C/min |
| Temperature accuracy | ± 0.2 °C |
| Temperature stability | ± 0.1 °C |

Column compartment

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| Column dimensions | analytical and preparative columns up to 25 mm OD and 350 mm length; maximum of 4 columns |
| Dimensions, interior | 90 x 390 x 47 mm (W x H x D) |
| Safety | self-check and auto-calibration at power-on; selectable turn-off temperature |
| Leak sensor | adjustable sensitivity; acoustic signal; turn-off switch |
| Optional accessories | passive pre-column tempering with capillary with 0.1 or 0.25 mm inner diameter |

Communication

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| Control | LAN Interface |
| Display | optional LCD for Stand-alone functionality |

General

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|--------------|--------------------------------|
| Power supply | 90 – 230 V, 50 – 60 Hz, 100 W |
| Dimensions | 150 x 470 x 300 mm (W x H x D) |
| Weight | 8.4 kg |

Ordering details:

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| A05852 | AZURA CT 2.1 for constant temperatures and reproducible results |
| A05852-3 | Cartridge for CT 2.1 eluent pre-heating ID 0.10 mm |
| A05852-2 | Cartridge for CT 2.1 eluent pre-heating ID 0.25 mm |
| A05852-1 | AZURA Column Thermostat CT 2.1 keyboard unit optional |