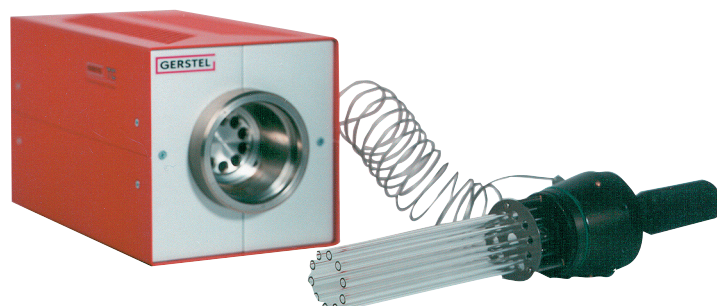



GERSTEL


Tube Conditioner

TC 2

Specifications

TC 2

Uses

Accessory for simultaneous conditioning of up to ten thermal desorption tubes or up to 50 Twisters®. Tube conditioning is performed at elevated temperature under a flow of inert gas, independently of the analytical system.

Temperature Program for Conditioning

- Conditioning temperature max. 350 °C
- 2 temperature ramps
- Heating rate 1.0 ... 10 °C/min
- Hold time max. 650 min
- Several successive conditioning cycles can be performed
- Cool-down step between conditioning cycles
- Up to ten methods stored in the Controller C200

Tube Types

- TDS tubes, 178 × 6 mm (L × OD)
- TDU tubes, 60 × 6 mm (L × OD), can be conditioned with special adapters
- TD 3.5+ tubes, 89 × 6.4 mm (L × OD), can be conditioned with special adapters

Capacity

- 10 desorption tubes
- max. 50 Twister®
- Length of heated area approximately 80 mm

Gas Connection

- 1/8" Swagelock®
- maximum headpressure 4 bar

Carrier Gas Flow

- 75 mL/min per tube with 4 bar headpressure (He) factory pre-set
- individually adjustable for each tube position

Dimensions (L × H × D)

- 38 × 14.5 × 14 cm

Weight

- 3.3 kg

Operating Conditions

- 15 ... 35 °C
- relative humidity max. 50-60%, non-condensing
- max. 4615 m above sea level

Storage Conditions

- -20 ... 50 °C
- relative humidity max. 50-60%, non-condensing
- max. 4615 m above sea level



Tube Conditioner TC2

Controller C200

Operating Voltage

- 100 ... 230 VAC, 50 ... 60 Hz

Power Consumption

- 180 watt max.

Operating Conditions

- 5 ... 40 °C
- Relative humidity max. 50-60 %, non-condensing
- Max. 2000 m above sea level

Storage Conditions

- -40 ... 50 °C
- Relative humidity max. 90 %, non-condensing

Dimensions (H x W x D)

- 5.5 cm x 17 cm x 27 cm (Controller)
- 4.5 cm x 8 cm x 20 cm (Power supply unit)

Weight

- 1.35 kg (Controller)
- 0.75 kg (Power supply unit)

Accessories

- Thermal Desorption tube adapter for conditioning of TDU tubes
- Thermal Desorption tube adapter for conditioning of TD 3.5+ tubes