


**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.

#### Conditioning temperature

- max. 350 °C
- length of heated area approximately 80 mm

#### Heating rate

- 10 °C/min

#### Capacity

- 10 desorption tubes
- max. 50 Twister®

#### Tube types

- TDS tubes 178 × 6 × 4 mm (L × OD × ID)
- TDS tubes for GERSTEL Twister®  
178 × 6 × 4.5 mm (L × OD × ID)
- TDU tubes 60 × 6 × 4 mm (L × OD × ID) with special adapters
- TDU tubes for GERSTEL Twister®  
60 × 6 × 5 mm (L × OD × ID) with special adapters
- 3.5 × 1/4" (L × OD) thermal desorption tubes with special tube adapters

#### Gas connection

- 1/8" Swagelock®

#### 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

### AUX Controller 163

#### Operating voltage

- 230 VAC, 50/60 Hz or
- 100-115 VAC, 50/60 Hz

#### Power consumption

- max. 100 Watt



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### Fuse

- T 0.8 A 230 V or
- T 1.6 A 100-115 V

### Dimensions (W × H × D)

- 196 × 108 × 193 mm

### Weight

- 4.85 kg

### Accessories

- TDU Thermal Desorption tube adapter for conditioning of TDU tubes
- Thermal Desorption tube adapter for conditioning of 3.5" × 1/4" (L × OD) thermal desorption tubes made of glass or steel
- Controller C505 enables temperature programmed conditioning of thermal desorption tubes. When operating the TC 2 using a Controller C 505, the Aux Controller 163 is not required.