


GERSTEL


Tube Standard Preparation System

TSPS

Specifications

Uses

Accessory used to generate standards for Thermal Desorption analysis methods, enabling method calibration. Liquid standards can be added to Thermal Desorption tubes and the solvent automatically purged.

Capacity

- 2 models available
- maximum 3 thermal desorption tubes
- maximum 6 thermal desorption tubes

Tube types

- TDS tubes 178 × 6 × 4 mm (L × OD × ID)
- 3.5 × 1/4" (L × OD) thermal desorption tubes with special tube adapters

Loading the standards onto the tube

- manual injection with micro syringe through a Septum Less Head (SLH)

Gas connection

- 1/8" Swagelock®

Carrier gas flow

- 30 mL/min per tube with 2 bar headpressure (He)

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

Dimensions (H × D)

- 22 × 30 cm

Weight

- 3.7 kg