Specifications

Uses
Auto sampler for the fully automated thermal desorption of up to 20 sample tubes in combination with a GERSTEL Thermal-DesorptionSystem TDS 2 or TDS 3.

Capacity
• magazine for 20 sample tubes + 1 empty tube

Magazine
• 2 magazine types
• fitted with O-rings for leak-tight storage of TDS tubes, 178 x 6 x 4 mm and 178 x 6 x 4.5 mm (L x OD x ID)
• fitted with flat seals for leak-tight storage of thermal desorption tubes 3.5” x 1/4” (L x OD) using special tube adapters
• for use with glass or stainless steel thermal desorption tubes

Control
• based on one of the controllers C505 or C506
• in combination with the GERSTEL MAESTRO software, alternatively integrated in an Agilent® Technologies chromatography data system, or coupled to a chromatography data system from AB Sciex™ or Thermo Scientific®, or operated in stand-alone mode
• only one sequence table required for the complete system including GC/MS when integrated in the ChemStation

Dimensions (L x H x W)
• 581 x 102 x 294 mm

Weight
• 5.5 kg

Power Consumption
• max. 50 Watt

Regulatory Certifications and Standards
• DIN EN 61010-1/A2:1996
• DIN EN 61326:2004-05
• IEC 61326:2002
• UL STD 3101-1:93
• CAN/CSA C22.2 NO.1010.1-92

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

Accessories
• Thermal Desorption tube adapter for thermal desorption of 3.5” x 1/4” (L x OD) thermal desorption tubes made of glass or steel

Custom solutions for special performance requirements available upon request.