Data Sheet

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Agilent GC Gasifier

Specifications

- Description: Heated pressure-reducing regulator.
- Operation temperatures
  - Regulator: 150 °C ±1 °C
  - Transfer line: 100 °C ±1 °C
- Sample input pressure/purge pressure: 1,000 psi/7,000 kPa maximum.
- Delivery pressure to GC: 12 ±2.5 psi at 25 °C using 80 psi N_2 as calibration gas and output flow adjusted to 30 mL/min with vent closed.
- Repeatability
  - 8890: C2–C5 ≤1%, C6+ ≤2%
  - 8860: ≤2%
  - 990: C2–C5 ≤1%, C6+ ≤2%
- Concentration range: 50 ppm to 100%
- Sample carryover: <1% (500 ppm hexane after N_2 purging 2 minutes with vent flow 150 mL/min, transfer line flow 20 mL/min)
- Size: 149.5 mm × 94.5 mm × 112.2 mm (length × width × height)
- Weight: 1.8 kg
- Electrical supply: 12 V, 65 W maximum

Storage environmental requirements

With 8890/8860 GC:

- Humidity: 5% to 95% RH (noncondensing)
- Temperature: –40 to +70 °C

With 990 Micro GC:

- Humidity: 10% to 95% RH (noncondensing)
- Temperature: –40 to +70 °C

Operating environmental requirements

With 8890/8860 GC:

- Humidity: 5% to 95% RH (noncondensing)
- Temperature: 15 to +35 °C
- Maximum altitude: 4,615 meters above sea level

With 990 Micro GC:

- Humidity: 10% to 95% RH (noncondensing)
- Temperature: 0 to +50 °C
- Maximum altitude: 2,000 meters above sea level

Note: The Gasifier is intended for indoor use. Protect the Gasifier from corrosive chemicals, gases, dust, or particulate accumulation. The Gasifier should also be protected from the direct venting from air conditioners, heaters, furnaces, or fans.

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