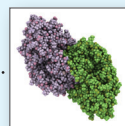


DEGASSER



Catalysts



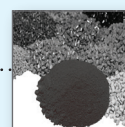
Ceramics



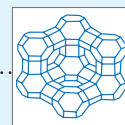
Energy



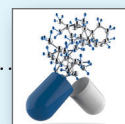
Carbons



Zeolites



Pharma



Specifications:

FloVac™ - Six-Port, Vacuum and Flow Degasser for Surface Area and Pore Size Analysis Sample Preparation.

The FloVac™ is designed to provide users of the AUTOSORB, QUADRASORB, NOVAtouch and NOVAe Series surface area and pore size analyzers with high-throughput sample preparation capabilities. All of the six sample preparation ports share a large heating mantle with a single digital temperature control allowing samples to be simultaneously prepared under similar temperature conditions. Operating in either flow or vacuum mode, the FloVac™ provides the right sample preparation method for any type of material. Flow and evacuation rates are operator selectable. The digital temperature controller allows for temperature programming (up to 20 steps). Programming may be performed via a Windows® PC interface or directly at the controller. Six separate cooling stations hold samples under flow or vacuum conditions after preparation.

Performance

- Six sample preparation ports.
- Temperature range: ambient to 350°C (with standard borosilicate sample cells or 400°C with optional quartz sample cells).
- Flow or vacuum degas modes.
- Back-fill/purge gas user selectable (typically N₂ or He).
- Separate valves controlling coarse and fine evacuation rates prevent powder elutriation.
- User adjustable flow rates via needle valve.
- Six cooling ports.
- Sample ports accommodate 6, 9 and 12 mm sample cell stem diameters for wide range of samples.
- Digital vacuum gauge.

Temperature

- Temperature programming from Controller or via Windows® PC software.
- User selectable ramp rates and hold times (up to 20 segment profile).
- Four-digit display of temperature.
- Password protection.

Environmental

- Ambient temperature: 15 to 40 °C.
- Maximum relative humidity: 80% non-condensing.

Electrical

- Voltage 100 - 240 VAC, 50/60 Hz.
- Power 600 VA (excluding vacuum pump).

Utilities Required

- Dry nitrogen (99.99 %) or helium (99.99 %) regulated to 7-10 psig.
- Vacuum pump able to produce 20 milli Torr.

Physical

- Height: 28 cm (11 in) (to top of cabinet).
- Width: 36 cm (14 in).
- Depth: 25 cm (10 in) (excluding connections at rear).
- Weight: 5 kg (11 lb).

Bench space allocation for complete instrument with vacuum pump is 61cm (24in)/51cm (20in).

Corporate Headquarters-USA
Quantachrome Instruments
a brand of **Anton-Paar**
1900 Corporate Drive
Boynton Beach, FL 33426

Serving Porous
Materials and Powder
Characterization Needs
Since 1968



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