



FLOWSORB III

SPECIFICATIONS

General	
Applicability:	Surface Area: 0.1 m ² (minimum); 280 m ² (maximum) Specific Surface Area: Approximately 0.01 m ² /g (minimum)
Accuracy/Reproducibility:	Low Specific Surfaces: Typically better than ±3% (single point method); ±2% (multipoint method) reproducibility within ±0.5% Moderate-to-high specific surfaces: Typically better than ±2% (single point method); ±1.5% (multipoint method) reproducibility within ±0.5%
System Capacity:	Sample Holder Volume: 4.8cm ³ ; other sizes available
Physical:	Dimensions: 46.5W x 53H x 30.5D cm (18.3W x 20.9H x 12D in.) FlowSorb III 2305: Weight: 18 kg (40 lbs) FlowSorb III 2310: Weight: 20 kg (44 lbs)
Degas System:	Temperature Range: Ambient to 400°C Selection: Digitally set, 1°C increments Accuracy: Deviation less than ±10°C of set point at thermocouple
Environment:	Temperature: 15-30°C (59-90°F) operating; 0-50°C (32-122°F) storing and shipping Humidity: 20-80% relative (non-condensing)
Electrical:	Voltage: 100,115,230 VAC ±10% Frequency: 50/60 Hz Power: 240 VA, operating (maximum)
Gases:	Mixtures of helium with nitrogen, argon, krypton, carbon dioxide, ethane, n-butane, and other noncorrosive gases. A mixture of 30% N ₂ and 70% He is recommended for singlepoint analysis. Mixtures of He and approximately 5, 12, 18, and 24% N ₂ are suggested for multipoint BET use.