Product name:	Product code:
Gas Adsorption BET Surface Area Analyzer for Powders	CMI-IND-0322

Description

Volumetric nitrogen adsorption instrument measuring specific surface area and pore volume of powders. Used by catalyst, battery, pigment and carbon material producers. It also reports pore volume, helping qualify catalysts, carbons and fine ceramics.

Technical specification

- Sample tubes (10 nos)
- Glass rods
- Dewar flask

The sample is degassed under vacuum, then nitrogen adsorption is measured at liquid nitrogen temperature. Single-point and multi-point BET calculations provide specific surface area in m2/g.

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Features

- Two analysis ports with unheated gas manifold
- Pressure transducers at 0.1 and 1000 torr
- Single and multipoint BET
- Pore size by BJH method
- Automated dosing manifold

Technical Specifications

Surface area range	0.01 m2/g and above
Adsorbate	Nitrogen (N2) 99.999%
Analysis ports	2
Degas temperature	up to 350 deg C
Pressure transducer	1000 torr, 0.15% accuracy
Repeatability	+/-1%
Power	230 V AC, 50 Hz
Standards	ISO 9277, ASTM D3663

Standard Accessories