

Automated surface area analyzer

Quantachrome BET Nova 4200e

http://www.quantachrome.com/gassorption/nova_series.html

Room 274, IATL



The BET apparatus is a fully automated, high-speed surface area analyzer with four stations that allow for four simultaneous measurements. Surface area $\geq 0.01 \text{ m}^2/\text{g}$ can be measured. Adsorption and desorption isotherms, total pore volume (detectable less than 0.0001 cc/g), average pore radius (0.35 to 200 nm), density, pore size distribution, and external surface area can all be obtained using the Quantachrome Nova 4200e. This instrument is compatible with different gases and isotherms for a range of gases can be measured.

User fees:

\$5 per run

Please contact Larissa Stebounova (larissa-stebounova@uiowa.edu) for scheduling and training information.