

Automatic Nitrogen Adsorption Specific Surface Area Tester

The SA-2000A automatic nitrogen adsorption specific surface area tester is a fully automated instrument. It is used in research and development, production, analysis, and monitoring within industries such as graphite, batteries, and ceramics.



Overview

Professional Surface Area Analysis

The SA-2000A is a fully automated nitrogen adsorption analyzer designed for precise surface area and particle size characterization. It utilizes dynamic chromatography to provide rapid, high-accuracy results for non-porous materials like battery components and chemical powders. Featuring a user-friendly interface and integrated voice prompts, this system ensures reliable laboratory operation without requiring constant manual supervision.

Technical Specifications

Test Method	Dynamic chromatography
Analysis Stations	4
Surface Area Range	0.01m ² /g or more
Repeatability Error	± 1.5%

Operating Features

Compliance	CE, ISO
Display	5 inch LCD screen
Data Transfer	USB interface
Sample Pretreatment Time	30-60 minutes

Physical Dimensions

Dimensions	H71cm x W44cm x L56cm
Weight	35 kg