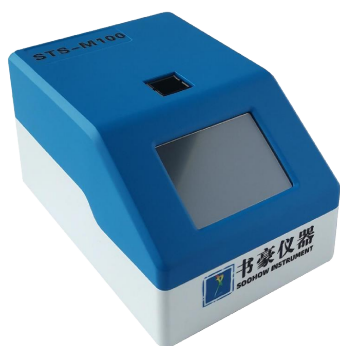


STS-M100 Semi-automatic Specific Protein Analyzer



高稳定 高性能 尺寸紧凑



SOOHOW INSTRUMENT SUPPORT
HIGH-END MANUFACTURING IN CHINA

SOOHOW

PERFORMANCE CHARACTERISTICS

- Precision: Precision is expressed by the coefficient of variation (CV), which should be 5%.
- Accuracy: Expressed as the deviation (B) of the test mean value from the labeled value, the requirement is $\pm 5\%$.
- Instrument Stability: After 4 hours and 8 hours of operation, the deviation (B) of the average value from the labeled value should be $\pm 5\%$.
- Environmental Test Requirements: In accordance with the Group I climatic environmental tests and Group I mechanical environmental tests specified in GB/T 14710-2009, as well as the requirements listed in Table 3 of this technical specification. The transport test and power supply voltage adaptability test of the analyzer should comply with the requirements of Chapters 4 and 5 in GB/T 14710-2009, respectively.
- Safety Requirements: Comply with the applicable provisions of GB 4793.1-2007, GB 4793.9-2013, and YY0648-2008.
- Electromagnetic Compatibility (EMC) Requirements: Comply with the applicable provisions of GB/T18268.1-2010 and GB/T18268.26-2010.

APPLICATION FIELD



TECHNICAL PARAMETER

Project	Data
Instrument Dimensions	$\leq 150\text{mm} \times 100\text{mm} \times 70\text{mm}$
Analytical Approach	Rate scatter nephelometry or projective turbidimetry
Optical System	Single-wavelength semiconductor light source, wavelength 650nm.
Reagent	Companion Reagents for Analyzers
Reaction Site	Reaction Vessel Position 1
Dispensing Method	Manual Pipetting
Data Processing	The test results can be stored, queried, and printed, with the ability to upload and download information, as well as remote upgrades and maintenance.
Measurement Channel	A single channel.
Temperature Control and Stirring	Automatic temperature control and automatic stirring.
Detection Procedure	It is used with pre-dispensed reagents, the detection method is simple, and the results are available immediately.
Operating Software	Equipped with a real-time multitasking operating system, the user-friendly and comprehensive Chinese interface, along with hierarchical menu control, makes the operation simple.
Standard Configuration Storage	Capable of storing 20,000 sets of test data.
Peripheral Device	Bluetooth Printer