

STS-M400 Semi-automatic Specific Protein Analyzer



SOOHOW INSTRUMENT SUPPORT
HIGH-END MANUFACTURING IN CHINA

SOOHOW

PERFORMANCE CHARACTERISTICS

- Precision: Precision is expressed by the coefficient of variation (CV), which should be $\leq 5\%$.
- Accuracy: Expressed as the deviation (B) of the test mean value from the labeled value, the requirement is $\leq \pm 5\%$.
- Instrument Stability: After 4 hours and 8 hours of operation, the deviation (B) of the average value from the labeled value should be $\leq \pm 5\%$.
- 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 | $\leq 320\text{mm} \times 230\text{mm} \times 130\text{mm}$ |
| 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 | 4 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 |