

Digital Whiteness Meter WSB-3A

Mainly suitable for measuring the whiteness of non-colored, flat-surfaced objects or powders, accurately providing whiteness values consistent with visual perception. It can also accurately measure the opacity of paper.

It can be widely applied in textile dyeing, paints and coatings, chemical building materials, paper and cardboard, plastic products, white cement, ceramics, enamel, talcum powder, starch, flour, salt, detergents, cosmetics, and other substances for whiteness measurement.

Features

- Microcomputer-controlled, membrane key operation, standard RS232 serial data communication interface for connecting to a printer or computer.
- Average measurement function.
- Built-in time storage function, storing data in real time. The instrument can store up to the latest 30 measurement sets for historical queries, meeting GLP requirements.
- Reasonably designed sample holder and movable platform to effectively prevent light leakage from the measurement aperture.
- High-definition LCD display for comfortable reading, unaffected by natural light. Rational and simple optical path design makes usage and maintenance easier.
- Low-drift, high-precision integrated circuits and long-life efficient light source ensure long-term stable operation.
- Simple operation, accurately measures paper opacity.
- Uses a nationally calibrated whiteboard to transmit standard values, ensuring accurate and reliable measurements.



Specification

Model	WSB-3A
Whiteness Indication	Blue Light Whiteness R457, Opacity
Measurement Range	0-200
Display Precision	0.01
Repeatability	≤0.1
Indication Error	≤±1
Zero Drift	≤±0.1
Indication Stability	≤0.2
Illumination Condition	45/0
Power Supply	AC220V/50Hz 15W
Dimensions	320×265×270 mm
Product Features	Microcomputer configuration, average measurement mode, date and time display, data storage and query functions, fully automatic calibration, equipped with RS232 data communication interface