

WSB-3A Whiteness Meter

Summary of functions

The WSB series whiteness degree instrument with the digital display is mainly applicable for the measurement of the whiteness degree on the surface of the object or the powder in the white color and the color close to white. The whiteness degree can be accurately educed that is consistent with the visual degree. The opacity degree of the paper can also be accurately measured.

This instrument can be widely applied for the measurement of the whiteness degree of the objects like textile & printing & dyeing, oil paint & dope, chemical construction material, paper & paper plate, plastic product, white cement, ceramics, porcelain enamel, porcelain clay, French chalk, starch, flour, salt, wash, and cosmetics, etc.

Product Characteristics

- ▶ Adopt the quality imported & original components, with the high-efficiency & low-spoilage circuit, and with the good reliability
- The configuration with the high-automatic & multi-function microcomputer, equipped with the RS232 serial communication interface to connect the printer.
- ▶ The outstanding color-measurement performance is very accurate. Adopt the CAD, and the overall spectrum characteristics of the instrument comply with the responding curve of the CIE standard observer, and can accurately obtain the ISO whiteness degree.
- ▶ The imbedded clock memory & storage system can store the measurement & correction data in real time, and can store and transfer 20 groups of the measurement data for long time, and can be used for the historic reference.
- ▶ The quick automatic correction, with the prompt of the self-diagnosis information, rapid and stable response, reliable maintenance-free operation

Specifications

Measuring Range	0-120	Measuring Condition	d/ 0
Illuminant	D65	Show system	LCD monitor
Whiteness Mean	Whiteness degree of blue light $W_b=R457$	Minimum Readout	0.01
Calibrate	30	Zero Draft	0.1
Basic Error	1	Repeatability	0.2
Power Supply	AC 220V/50Hz	External Dimension	310*280*280mm



WSB-1 Whiteness Meter

Summary of functions

The WSB series whiteness degree instrument with the digital display is mainly applicable for the measurement of the whiteness degree on the surface of the object or the powder in the white color and the color close to white. The whiteness degree can be accurately educed that is consistent with the visual degree. The opacity degree of the paper can also be accurately measured.

This instrument can be widely applied for the measurement of the whiteness degree of the objects like textile & printing & dying, oil paint & dope, chemical construction material, paper & paper plate, plastic product, white cement, ceramics, porcelain enamel, porcelain clay, French chalk, starch, flour, salt, wash, and cosmetics, etc.

Product Characteristics

- ▶ AC & DC power supply, low power consumption, cabinet and handsome contour design, facilitating field and lab use;
- ▶ Configured with auto power-off function ad low power dissipation circuit, able to effectively prolong service life of battery;
- ▶ Adopting big-screen highly transparent LCD display, with comfortable reading, and free of ill influence from sunlight;
- ▶ The simple operation, and can accurately measure the opacity degree of the paper
- ▶ Adopt the standard white plate rated by the central government to convey the standard value, and the measurement is accurate and reliable
- ▶ Configured with output port of measured values, possible to connect with recording meter

Specifications

Measuring Range	0-199	Measuring Condition	45/0
Whiteness Mean	Whiteness degree of blue light Wb=R457	Minimum Readout	0.1
Calibrate	15	Zero Draft	0.1
Basic Error	1	Repeatability	0.2
External Dimension	235*75*65 mm		
Power Supply	DC 1.5V, 5 AA alkaline dry cells AC 220V/50Hz DC7.5V 0.2A power supply adapter		

