Whiteness Analyzer

WHT-V

Features

- Equipped with a long-life light source, up to 100,000 hours.
- Adopt simple linear calculation method with high accuracy.
- Energy-saving and environment-protecting.
- Highly integrated hardware design, embedded operating system. Fast digital wave algorithm, two seconds to complete the measurement.
- Diffuse illumination and vertical sounding method(d/0), simulation D65 illumination use d/0 illuminating viewing and geometrical condition.
- Fully sealed design to meet various production site determinations.
- Microcomputer control, LCD display, touch key, delicate appearance.
- Automatic calibration, stable and reliable.
- The operation is simple and convenient: One-key zero calibration, full digital calibration of the whiteboard, and automatic saving of calibration parameters.
- Diffuse ball diameter is ϕ 120mm.Measuring hole diameter is ϕ 20mm. Equipped with a light absorber to eliminate the influence of the specular reflection light.

Specification

Model	WHT-V
Measurement range	0~100
Measurement method	reflection
Illumination geometric conditions	d/0
Repeatability	≤0.1
Indicating Value Drift	≤0.1
Zero Point Drift	≤0.1
Indicating Value Error	≤0.5
Display	LED
Working Environment	Temperature 0-40°C;
	Relative humidity <80%RH
Electricity	AC (220±22) V,50Hz
Gross Weight	9.5kg
Shipping Dimension	320*400*480mm

Description

Whiteness Analyzer is used to test the whiteness of objects. It is suitable for flour, starch, rice flour, salt, touch, printing and dyeing, chemical fiber, plastic, porcelain, clay, talcum powder, white cement, paint, ceramics, enamel, paper, pulp and other departments.

Whiteness Analyzer

WHT-L

Characteristics

- Measurement of whiteness of blue light of substances such as paper, building materials, starch, flour, sugar and salt
- Manual zero adjustment and calibration suitable for small and medium sized enterprises

Specification

Model	WHT-L
Measurement range	0%~120%
Minimum reading	0.1%
Illumination geometric conditions	45/0
Peak wavelength	457nm
Receiver	Silicon photovoltaic cells
Calibration	Manual
Display	$3\frac{1}{2}$ LED
Stability	±0.2%
Repeatability	0.3
Accuracy	±1.2%
Weight (Gross)	9kg
Overall dimensions	410mm×240mm×490mm