

Brightness Tester

Product Function

- Measure D65 brightness (R457 blue light whiteness)
- Measure the degree of fluorescent whitening produced by the emission of fluorescent substances (the sample contains fluorescent whitening agent)
- Measure opacity OP (customized), light scattering coefficient S, light absorption coefficient A, transparency (customized), ink absorption value
- Measure the brightness stimulus value Y10, which is the green diffuse reflection factor Ry
- Measure optical density-lead core concentration (customized small caliber)

Product Features

- Advanced circuit design effectively guarantees the accuracy and stability of the measurement data
- The instrument has a power-off protection function, and the calibration data will not be lost after power-off
- This instrument is equipped with standard RS232 interface, which can be used with PC software for communication (optional)



Executive Standard

ISO 2469, ISO 2470, ISO 2471, ISO 9416

Technical Parameters

No.	Parameter item	Technical index
1	Power Supply	AC(100~240)V, (50/60)Hz, 50W
2	Working Environment	Temperature(10~35)°C, Humidity≤ 85%
3	Display	128X32dot matrix LCD screen
4	Light source	Analog D65
5	Integrating sphere	Diameter 150mm
6	Sample Size	Test plate diameter ≥φ30mm while sample thickness≤40mm
7	Zero Drift	≤0.1
8	Indicating Drift	≤0.5
9	Repetitive Accuracy	≤0.02 (10 consecutive tests at intervals of 10 seconds)
10	Specular Reflectance Accuracy	≤0.1
11	Print	Built-in thermal printer
12	Communication Interface	RS232 (optional)
13	Dimension	365×260×425 mm
14	Net Weight	12kg around