



BENCHTOP SPECTROPHOTOMETER BJJH1C2 (BBSP-804)

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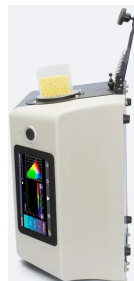
It is a benchtop grating spectrophotometer. It has many features, like 7 inches TFT capacitive touch screen display, full illuminants, reflective d/8 and transmissive d/0 geometry(including or excluding UV). With very stable and precise color measurement, large storage and powerful PC software all makes it ideal for color analysis within R&D and laboratory environments.



SPECIFICATIONS

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|--------------------------|--|
| Model | BJH1C2 |
| Old Model | BBSP-804 |
| Optical Geometry | Reflectance: d/8 (SCI&SCE; Include UV/Exclude UV) Transmittance: d/0 (SCI&SCE; Include UV/Exclude UV); Conforms to CIE No.15, GB/T 3978, GB 2893, GB/T 18833, ISO7724/1, ASTM E1164, DIN5033 Teil7 |
| Integrating Sphere Size | Φ154 mm |
| Illuminant | 360 nm-780 nm Combined LED Lamp, 400 nm cutoff |
| Sensor | 256 Image Element Double Array CMOS Image Sensor |
| Wavelength Pitch | 10 nm |
| Semiband Width | 5 nm |
| Reflectance Range | 0-200% |
| Measuring Aperture | Reflective: Φ30 mm/Φ25.4 mm, Φ10 mm/Φ8 mm, Φ6 mm/Φ4 mm; Transmissive: Φ30 mm/Φ25.4 mm; |
| Specular Component | Reflectance: SCI & SCE Transmittance: SCI & SCE |
| Color Space | CIE LAB, XYZ, Yxy, LCh, CIE LUV, sRGB, HunterLab, βxy, DIN Lab99 |
| Color Difference Formula | ΔE ab, ΔE uv, ΔE 94, ΔE cmc(1:1), ΔE 00, DINΔE99, ΔE(Hunter) |
| Colorimetric Index | WI (ASTM E313, CIE/ISO, AATCC, Hunter), YI (ASTM D1925, ASTM 313), MI (Metamerism Index), Staining Fastness, Color Fastness, Color Strength, Opacity, 8° Glossiness, Gardner Index, APHA/ PtCo Index, 555 Index, Haze (ASTM D1003), Saybolt, Color code (ASTM D1500) |
| Observer | 2° / 10° |
| Illuminants | D65,A,C,D50,D55,D75,F1,F2,F3,F4,F5,F6,F7,F8,F9,F10,F11,F12,CWF,DLF,TL83,TL84,TPL5,U30 |
| Displayed Data | Spectrogram/Values, Chromaticity Values, Color Difference Values/Graph, PASS/FAIL Result, Color Offset |
| Measurement time | About 2.4 s (simultaneous measurement SCI/SCE about 5 s) |
| Repeatability | Standard deviation within 0.05%;Standard deviation within ΔE*ab 0.02;Standard deviation within ΔE*ab 0.03 |
| Interinstrument Error | Φ25.4 mm/SCI Within ΔE*ab 0.15 |
| Size | 370x300x200 mm |
| Weight | |
| Power Supply | |
| Light Source Device Life | 5 years; more than 3 million times measurements. |
| Screen | 7" TFT Capacitive Screentouch Display |

| | |
|-----------------------|---|
| Data Port | USB |
| Data Storage Capacity | Standard: 2000 Pcs; Sample: 20000 Pcs. |
| Language | Simplified Chinese, Traditional Chinese, English (Optional customized German, French and Spanish) |
| Working Environment | Temperature: 0-40°C; Humidity: 0-85% (No Condensation) |
| Storage Environment | Temperature: -20-50°C; Humidity: 0-85% (No Condensation) |
| Standard Accessory | Power Adapter, User Guide, CD Disk (PC Software), USB cable, Standard Calibration Board, Black Calibration Cavity, Transmission black baffle, Sample holder, 25.4 caliber, 8 caliber, 4 caliber |
| Optional Accessory | Microprinter, Transmissive Test Component, Instrument inversion components, culture dish |
| Alt Name | Benchtop Grating Spectrophotometer |



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com