Bench-top Spectrophotometer





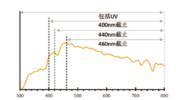


CS-820N

Product Features

- Inter-InstrumentAgreement:dE<0.15 (XLAV)</p> aperture)
- Provides Pulse Xenon and LEDTwo Kinds of Light Sources
- 24 standard light sources, 40 measurement standards
- Temperature and Humidity Auto Compensation Function
- Simultaneous reflectance/transmittance measurement
- Double optical path spectrum analysis technology
- Simultaneous SCI/SCE measurement





4 kinds of apertures, instrument 4 kinds of UV test modes. can automatically recognize and

adjust light path.



Camera to view the measurement area.





Unique multifunction transmittance fixture design.

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for protection and storage.

Intelligent instrument software, support operation wihtout PC.

Open measurement area, no limit on sample size.

Technical Data

Illumination/ Viewing System	Reflection: d/8(Dffused illumination, 8 degree viewing Simultaneous measurement of SCI/SCE (ISO7724/1, CIE No.15, ASTM E1164,DIN5033 Teil7,JIS Z8722 Condition C standard) ransmittance d/0(Dffused illumination, 0 degree viewing)) Difference Other	
Sphere Diameter		Indices	
Wavelength			Gardner, Saybolt, ASTM color, Haze, Total Transmittance,
Wavelength Pitch			Opacity, Color Strength
Reflectance Range		Language	
Resolution			German, French, Polish, Chinese (simple and traditional)
U U	Pulse Xenon Lamp and LED	Storage Memory	
	Include UV, 400nm cut, 420nm cut, 460nm cut	Screen Size	
Measurement		Power	DC stabilized power supply
i ime	SCI+SCE <4s	Operate	
Transmittance Sample Size	No limit on sample width and height, thickness ≤50mn		no condensation
		Storage	-20-45 °C (-4-113F), relative humidity 80% (at 35 °C)
Inter-Instrument	XLAV ΔE*ab 0.15 (BCRA Series II, Average	Temperature	no condensation
Agreement	measurement of 12 tiles, at 23 C)		Power Adaptor, USB Cable, fixture for transmittance, U disk
Measurement Aperture	Reflectance: XLAV Ф25.4mm/Ф30mm, LAVФ15mm/18mm,MAVФ8mm/Ф11mm,SAVФ3mm/Ф 6mm (Aperture size can be custom	Accessories	(PC software), Black Calibration Cavity, White and Green Calibration Tile,0% Calibration Tile (transmittance), 30mm,18mm, 11mm and 6mm apertures, Reflectance Test Support, Glass Cell 40x10mm,reflectance sample fixture
Apertaic	made) Auto aperture size recognition		Heating Fixture for Transmittance, Vertical Support and
	Transmittance:Ф17mm/Ф25mm	Optional	Pneumatic ram for downward measurement, Reflectance
Viewing Angles	2° and 10°	Accessories	fixture for small size sample, Reflectance Glass Cell Support,
Repeatability	XLAV Spectrum Reflectance/Transmittance: standardeviation within 0.1%XLAV Chromaticity value: Standardeviation within Δ E*ab 0.015 * When a white calibration plate is measured 30 x at 5-second intervals after whit	rd า	Corrosion-Resistant Protective Plate (non-removable), Sample Holder for Fiber, Film Fixture, Transmittance Fixture for Small Aperture, Trolley Case, European Standard Plug, American Standard Plug
	calibration	Interface	RS-232, USB-A, USB-B
Color Space	Liteth Liteth Hunterleb Vvv VV7 PCP	Instrument Size	465 x 240 x 260mm
Color Spaces Illuminants	·	Other Function	 Camera to view measurement area; Support horizontal, vertical and downward measurement method (need optional accessories to support for downward
n Display	Reflectance and Transmittance graph/value, color value, color difference values,pass/fail, color simulation, color assessment, haze, liquid chromaticity values,		measurement); 3. Auto humidity and temperature compensation function.
	color tendency		



both stable clamping and protection of the instrument.

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Perfect combination of accessories and instrument body, convenient



Instrument is with 7.0 inchesTFT touch display screen with good human-computer interface.



Different kinds of fixtures to measure different kinds of samples.