

BSF series CWD benchtop spectrophotometers



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The BSF series CWD spectrophotometers are new generation instruments used to measure and control colour. They are equipped with XENON + LED technology and a factory pre-installed Quality Control software. They are able to take reflection and transmittance measurements on liquid, solid, covering, translucent and transparent samples.

The instrument features a transmittance sample holder compartment, a large swivel colour touch screen and a built-in camera to view the colour. D/8° optical geometry with reflection in included and excluded specular mode, and d/0° in transmittance mode.

The BSF series CWD spectrophotometers guarantee high precision and outstanding reliability over time.



MAIN FEATURES

URAI	BASE	MEDIUM	HIGH
Model	BSF100	BSF200	BSF300
Geometry	Reflection : d/8, SCI+SCE Transmittance : D/0	Reflection : d/8, SCI+SCE Transmittance : D/0	Reflection : d/8, SCI+SCE Transmittance : D/0
Interior instrument agreement (Measure standard deviation of the CHNSpec-BCRA Ceramic tiles under condition XLAV UV400-23°C- SCI)	XLAV ΔE^*ab 0.15	XLAV ΔE^*ab 0.12	XLAV ΔE^*ab 0.08
Repeatability (Measure white tiles 30 times at 5s intervals under condition XLAV UV400 SCI mode)	$\Delta E^*ab \leq 0.01$	$\Delta E^*ab \leq 0.005$	$\Delta E^*ab \leq 0.005$
Light source	LED+Xenon	LED+Xenon	LED+Xenon
Measurement area	XLAV $\Phi 25.4mm/30mm$ LAV $\Phi 15mm/\Phi 18mm$ MAV $\Phi 8mm/\Phi 11mm$ SAV $\Phi 3mm/\Phi 6mm$	XLAV $\Phi 25.4mm/\Phi 30mm$ LAV $\Phi 15mm/\Phi 18mm$ MAV $\Phi 8mm/\Phi 11mm$ SAV $\Phi 3mm/\Phi 6mm$	XLAV $\Phi 25.4mm/\Phi 30mm$ LAV $\Phi 15mm/\Phi 18mm$ MAV $\Phi 8mm/\Phi 11mm$ SAV $\Phi 3mm/\Phi 6mm$
Fluorescence calibration	Yes	Yes	Yes
Automatic calibration	Yes	Yes	Yes
Camera	Yes	Yes	Yes
Wavelength	360-780nm	360-780nm	360-780nm