

NCS Colourbin PRO

Technical Specifications

Repeatability (Short Term)	0.05 ΔE_{00} on White Ceramic Tile*
Inter-Instrument Agreement	0.25 ΔE_{00} Average*
Illumination Types	A, D50, D65, F2, F7
Light Source	Full Spectrum LEDs
Light Source Lifespan	1,000,000+ Scans (500+ Hours)
Battery Capacity	200 mAh (~250 Scans)
Battery Charge Time	< 60 minutes to full charge
Measurement Size	6mm Diameter
Measurement Time	1.5 Seconds
Observers	2° and 10°
Optical Geometry	Sphere, Diffused 0°, Specular Component Included
Calibration Frequency	Every 1,000 Scans
Calibration Material	White Ceramic Tile (Included)

*Repeatability: 20 measurements at 45 second intervals. Delta E calculated to average Lab values from all measurements

*Inter-Instrument Agreement: Calculated measurements on 12 ceramic tiles to center unit

