

# Comparison Table

## P300 Vs Check3



Technical Specifications

# Technical Specifications

	<b>P300</b>	<b>Check3</b>
Measuring Geometry	d/8°	
Sphere Diameter	54 mm (2.5 inches)	51 mm (2 inches)
Light Source	Pulsed Xenon	
Spectral Range	400-700 nm	
Effective Bandwidth	10 nm	
Reflectance Range	0-200%	
Spectrophotometer Principle	Concave holographic grating	
Observer	2° Standard Observer, 10° Standard Observer	
Detector	Dual 256 element diode array	
Color Repeatability	<0.03 CIELab dE* max on white ceramic tile	
Color IIA	0.15 CIELab dE*avg of 12 BCRA tiles 0.25 CIELab dE* max on any BCRA tile	
Measurement Time	~2 sec	
Sample Viewing	Integrated Camera	Manual Window
UV Setting	100% / 0% / Adjusted (Instantaneous numerical adjustment of UV with no mechanical filter) 400 nm UV cutoff setting	Optional UV cutoff filter
UV Calibration Support	CIE Whiteness / Ganz-Griesser	-
Apertures	LAV/SAV 15mm illuminated, 11mm measured / 10mm illuminated, 6.5mm measured LAV/USAV 15mm illuminated, 11mm measured / 6.5mm illuminated, 2.5mm measured SAV/USAV 10mm illuminated, 6.5mm measured / 6.5mm illuminated, 2.5mm measured	
Battery Type	Removable, Rechargeable Battery	Fixed, Rechargeable Battery
Battery Performance	2000+ Dual Flash Measurements	
Calibration Accessories	Calibration Stand with Built-in Black Trap, White Tile, Green Tile, & White Fluorescent Tile (UV calibration)	Black Trap, White Tile, Green Tile
Interface	USB-C / BT / Wi-Fi	USB / BT
Operating Environment	5° to 40°C up to 85% RH, non-condensing	
Screen Display	4" TFT LCD Touchscreen	2.7" LCD (non-touch)
Display Resolution	480 x 800	240 x 320
Weight	0.81 Kg (1.8 lbs)	1.25 kg (2.8 lbs)
Dimension (L x W x H)	229 x 89 x 81 mm	235 x 90 x 99 mm
Color Evaluations	CIELabCh, CIELab, CIELCh, XYZ, Whiteness CIE, Whiteness E313, Yellowness E313, Reflectance, Measurement Parameters, CMC, CIE94, CIE2000, Hunterlab, 555 Sort Code, Metamerism DIN, Metamerism CIE, Whiteness Stensby, Whiteness Berger, Whiteness Hunter, Strength, Contrast Ratio, ISO/AATCC Fastness, ISO/AATCC Staining, FMC II, PQS II, PQS II GEE9F6, LRV Equation, Optical Density*	
Illuminants	A, C, D65, D50, D55, D75, F02, F07, F11, TL83, TL84, U3000, Horizon, U3500, LEDT8G, LED-B1, LED-B2, LED-B3, LED-B4, LED-B5, LED-BH1, LED-RGB1, LED-V1, LED-V2	A, C, D65, D50, D55, D75, F02, F07, F11, U3000, Horizon
Result Display Items	Colorimetric Values / Pass-Fail Judgment / Color Difference Plot / Reflectance Curve / Captured Image	Colorimetric Values / Pass-Fail Judgment / Spectral Data for every wavelength
Data Storage	2000 standards, 5000 batches	
Languages	English, French, German, Spanish, Italian, Simplified Chinese, Korean, Portuguese, Polish	English, French, German, Spanish, Simplified Chinese, Portuguese
DC Software Compatibility	Tools, Match Station, Match Textiles, Match Pigment, Paint, Colibri	



**datacolor**   
Academy



User Guides



Technical Support



Glossary

visit [datacolor.com/support](https://datacolor.com/support)

