



Portable Color Matching for Retail Paint Datacolor® 20D

Wherever, whenever. Datacolor 20D – for portable retail color matching

Paint retailers expand the reach of their color matching capabilities with the new Datacolor 20D and PAINT v. 2.x software. The Datacolor 20D is an easy-to-use, portable spectrophotometer that enables accurate color measurement on a wide variety of sample shapes and sizes - anywhere in the store or at a customer job site.

Measure with high accuracy

Superior matching performance for portable retail paint

- The Datacolor 20D's sphere geometry enables accurate color measurement of both flat and textured samples. Gloss determination of sample sheen, combined with gloss compensation in PAINT software enables **accurate** visual color formulation.
- The Datacolor 20D shares the same high accuracy SP2000 spectrometer as Datacolor's world-renowned benchtop spectrophotometers to enable lab-grade color matching accuracy for paint retailers.



Easy Measurement Wherever & Whenever

- Portable design enables measurements of a **wide variety of samples**, anywhere within the store or at a customer job site.
- Initial instrument installation is simple with all required set-up data loaded at the factory. Just connect to your computer, start the PAINT v. 2.x software, calibrate and you are ready to measure.
- Large color LCD screen with an intuitive user interface makes the Datacolor 20D easy to learn and easy to handle.
- Precisely position your sample for measurement using the illuminated sample alignment port.



Bluetooth® and USB Peripheral Support Allows Flexible Connectivity Wherever You Are

- Use Bluetooth or USB to seamlessly transfer measurement data from the Datacolor 20D to Datacolor PAINT v. 2.x software.
- Support for USB keyboards and bar code scanners.

Service and Support

- All instruments can be serviced at one of our many service center locations worldwide.

Get it right the first time with Datacolor 20D and PAINT v. 2.x

- Datacolor 20D turns paint retailers into experts in matching color on a wide variety of sheens and sample sizes.
- Highly accurate measurements combined with the powerful algorithms of the PAINT v. 2.x software yield **one of the best** first shot match on the market, saving time and money.

AVAILABLE BUNDLE	Part Number	Description
Retail Paint System Bundle	1030-1627	Datacolor 20D
	1011-0311	PAINT PRO v. 2.x

TECHNICAL SPECIFICATIONS	Description
Measuring Geometry	d/8°
Sphere Diameter	2 inches
Light Source	Pulsed xenon
Spectral Range	400 – 700nm
Effective Bandwidth	10 nm
Wavelength Resolution	2 nm
Spectrometer Principle	Concave holographic grating
Detector	Dual 256 element diode array
Color Repeatability ¹	< 0.05 CIELAB ΔE* avg on white ceramic tile
Color Inter-Instrument Agreement ¹	0.20 CIELAB ΔE* avg. of 12 BCRA tiles
Aperture Size	SAV - 10mm illuminated/6.5mm measured
Battery	Rechargeable Li-Ion
Operating Environment	5° to 40°C up to 85% RH, non-condensing
Interface	USB, Bluetooth wireless



FUNCTIONAL DATA	Description
Color Systems	CIE L*, a*, b*
Illuminants	D65, A, F2, F11
Data Storage	Up to 2,000 samples
Languages	English, French, German, Italian, Polish, Portuguese, Simplified Chinese and Spanish.

PHYSICAL SPECIFICATIONS	Description
Color Display	50.54 mm x 68.62 mm x 3.55 mm
Display Resolution	240 x 320
Weight	1.25 kg
Dimensions	235 mm x 90 mm x 99 mm

¹Environmental Conditions: Temperature 22.6°C +/- 2°C RH 44% +/- 1%
 Certified to ISO 9001:2008 in Manufacturing Centers Worldwide.

For more information, please visit www.datacolor.com/20d