



## eXactly which is for you?

### eXact Densitometer

### eXact Standard

### eXact Advanced

Description	Functionality		All densitometric functions	All densitometric functions, CIE-L*a*b*, BestMatch	All functions, incl. Sample Storage
	CMYK, Spot colors		CMYK only	CMYK and spot	CMYK and spot
	Scan Mode			○	○
Functions	Special	BestMatch		✓	✓
	Densitometry		✓	✓	✓
	Colorimetry	CIE L*a*b* CIE L*C*h°		✓	✓
		dE Trend			✓
		CIE XYZ & Yxy			✓
	Special	Paper Indices			✓
		Metamerism			✓
		Absolute & Relative Color Strength			✓
		Opacity			✓
		Printing Plate	✓	✓	✓
		Reflection Graph			✓
		Quality Control		✓	✓
		Sample Storage			✓
Features		Multiple User Profiles			✓
		Security Settings	✓	✓	✓
		Pantone PMS+		✓	✓
		Averaging		✓	✓
Measurement Parameters	ISO 13655 Measurement Conditions	M0 (No-Filter, UV included)	✓	✓	✓
		M1 (Daylight, D50)	✓	✓	✓
		M2 (UV Cutoff Filter, UV excluded)	✓	✓	✓
		M3 (Polarization Filter)	✓	✓	✓
	Single Pass Measurements	M0, M2, M3	✓	✓	✓
	ΔE Method	dE*76, dE*94, dE*00, dE CMC		✓	✓
	Density White Base	Absolute, Paper	✓	✓	✓
Interface	USB		✓	✓	✓
	Bluetooth* (based on regions)		○	○	✓
Software	eXact Manager		✓	✓	✓
	DataCatcher		✓	✓	✓
	eXact DataMeasure**			○**	○**
	ColorCert			○	○
	eXact InkKeyControl			○	○
	InkFormulation			○	○
	NetProfiler 3			○	○
	PantoneLIVE™			○	○

\* Bluetooth is available for CE, FCC and IC plus Australia, Chile, China, Hong Kong, Japan, New Zealand, Taiwan and India. Work with your sales representative to identify if it is available option in your region.

\*\* DataMeasure included with eXact Scan Option

# X-Rite eXact Specifications

## X-Rite eXact Manager, eXact DataCatcher and eXact DataMeasure — System requirements

- Microsoft® Windows 8® 32 or 64 bit (with latest Service Packs and updates installed)
- Microsoft® Windows 7® 32 or 64 bit (with latest Service Packs and updates installed)
- Microsoft® Windows Vista® 32 or 64 bit (with latest Service Packs and updates installed)
- MacOS X 10.8, 10.9.x and 10.10 (with the latest updates installed)

## SPECTRAL ENGINE

<b>Spectral analyzer:</b>	DRS spectral engine
<b>Spectral range:</b>	400 nm - 700 nm with 10nm interval

## OPTICS

<b>Measurement geometry:</b>	45°/0° ring illumination optics, ISO 5-4:2009(E)
<b>Measurement aperture:</b>	1.5 mm, 2 mm, 4 mm or 6 mm
<b>Light source:</b>	Gas filled tungsten (illuminant type A) and UV LED

## REFLECTANCE MEASUREMENT

<b>Measurement Conditions:</b>	According to ISO 13655:2009 <ul style="list-style-type: none"> <li>• M0: Unpolarized, No filter, UV included</li> <li>• M1: Daylight, D50</li> <li>• M2: UV excluded Filter</li> <li>• M3: Polarization Filter</li> </ul>
<b>Calibration:</b>	Automatic on integrated white reference
<b>Inter instrument agreement:</b>	Average: 0.25 $\Delta E_{ab}$ , Max: 0.45 $\Delta E_{ab}$ (for M3: 0.55 $\Delta E_{ab}$ ) (Measurements using X-Rite manufacturing standards at a temperature of 23°C +/- 1°C, 40-60% RH for all measurement modes on 12 BCRA color tiles and a white ceramic reference (D50, 2°))
<b>Short term repeatability - White:</b>	0.05 $\Delta E_{ab}$ (standard deviation) White BCRA (Error compared to mean value of 10 measurements every 5 seconds)
<b>Short term repeatability - Density:</b>	+/-0.01 D for CMYK (Status E or Status T measurements, maximum error compared to mean value of 10 measurements every 5 seconds at 2.0 D except for M3 Yellow at 1.7 D)
<b>Scan Length:</b>	Max: 1120mm (44")

## OPERATING CONDITIONS

<b>Operating Temperature Range:</b>	50° to 95°F (10° to 35°C) 30-85% relative humidity maximum (non-condensing)
<b>Storage Temperature Range:</b>	-4° to 122°F (-20° to 50°C)

## INTERFACE, DIMENSIONS AND WEIGHT

<b>Data Interface:</b>	USB 2.0 Bluetooth (optional) - Class II
<b>Power supply:</b>	X-Rite p/n: SE30-177 100-240VAC 50/60Hz, 12VDC @ 2.5A
<b>Battery:</b>	X-Rite p/n: SE15-44 Lithium Ion, 7.4VDC, 2200mAh

## Physical dimensions

<b>Dimensions:</b>	H: 3.0" (7.6 cm), W: 3.1" (7.8 cm), L: 7.1" (18 cm)
<b>Weight:</b>	1.6 lbs. (0.7 kg)

## Accessories

USB cable, Power Supply, CD with software and documentation, Docking/Charging Station, Quick Start Guide, Carrying case

Scan Option: Scan Chassis, Parking Pad, Scan Quick Start Guide.