x-rite | eXact™

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	CMYK only	CMYK and spot	CMYK and spot
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		✓	✓
Features	Scanning		O	O
	Sample Storage			✓
	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)	O	O	✓
Software	eXact Manager	✓	✓	✓
	DataCatcher	✓	✓	✓
	Color iQC Print Basic		✓	✓
	Color iQC Print	O	O	O
	InkFormulation	O	O	O
	NetProfiler 3		O	O
	PantoneLIVE™		O	O

* Bluetooth is CE, FCC and IC.
Work with your sales representative to identify if it is available option in your region.

✓: Included   O: Optional

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X-Rite eXact Specifications

X-Rite eXact Manager and DataCatcher — System requirements

- Microsoft® Windows® XP® 32 bit (with latest Service Packs and updates installed)
- Microsoft® Windows Vista® 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)

SPECTRAL ENGINE

Spectral analyzer:	DRS spectral engine
Spectral range:	400 nm - 700 nm with 10mm interval

OPTICS

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

REFLECTANCE MEASUREMENT

Measurement Conditions:	According to ISO 13655:2009 • M0: Unpolarized, No filter, UV included • M1: D50 • M2: UV excluded Filter • M3: Polarization Filter
Calibration:	Automatic on integrated white reference
Inter instrument agreement:	Average:0.25 ΔEab, Max: 0.45 ΔEab (for M3: 0.55 ΔEab) (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°))
Short term repeatability - White:	0.05 ΔEab (standard deviation) White BCRA (Maximum error compared to mean value of 10 measurements every 5 seconds)
Short term repeatability - Density:	+/-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)

OPERATING CONDITIONS

Operating Temperature Range:	50° to 95°F (10° to 35°C) 30-85% relative humidity maximum (non-condensing)
Storage Temperature Range:	-4° to 122°F (-20° to 50°C) 1 month, (-20° to +35°C) 6 months (Li-ION battery)

INTERFACE, DIMENSIONS AND WEIGHT

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

Physical dimensions

Dimensions:	H: 3.0” (7.6 cm), W: 3.1” (7.8 cm), L: 7.1” (18 cm)
Weight:	1.6 lbs. (0.7 kg)

Accessories Provided

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

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