x-rite

SP60/62/64

PORTABLE SPHERE SPECTROPHOTOMETERS

A full line of
hand-held
Spectrophotometers

EXPERIENCE

the measurable color difference.™

SP60
AFFORDABLE

- Lightweight, compact, portable instrument
- 8mm measurement area
- Large, easy-to-read graphical LCD display
- Opacity and color strength measurement
- Simultaneous measurement of both specular component included and specular component excluded
- Rugged construction
- Rechargeable battery for remote use
- "Project" function– allows a different group of standards for each project

SP62
VERSATILE

All Of The Features Of The SP60 Plus:

- 4mm, 8mm or 14mm measurement area

SP64
ULTIMATE

All Of The Features Of The SP62 Plus:

- Switchable 4mm or 8mm measurement area (optional fixed 14mm)
- "Jobs" function– step by step instructions will allow a programmed sequence of specific steps to assist the operator in the color measurement process

	SP60	SP62	SP64
Diffuse/8° sphere optical geometry	Yes	Yes	Yes
Simultaneous measurement of both specular component included and specular component excluded	Yes	Yes	Yes
Illuminants: C, D50, D65, D75, A, F2, F7, F11 & F12	Yes	Yes	Yes
2° & 10° standard observers	Yes	Yes	Yes
Spectral interval	10nm - measured 10nm - output	10nm - measured 10nm - output	10nm - measured 10nm - output
Standards storage	1,024	1,024	1,024
Sample storage	2,000	2,000	2,000
Inter-instrument agreement (Based on average of 12 BCRA Series II tiles. Specular component included.)			
CIE L*a*b*:	0.40 DE^*_{ab}	0.20 DE^*_{ab}	8mm/14mm = 0.13 DE^*_{ab} 4mm = 0.20 DE^*_{ab}
CMC equivalent:	0.30 DE_{cmc}	0.15 DE_{cmc}	8mm/14mm = 0.10 DE_{cmc} 4mm = 0.15 DE_{cmc}
	.10 DE^*_{ab} on white ceramic (Standard deviation)	.05 DE^*_{ab} on white ceramic (Standard deviation)	.05 DE^*_{ab} on white ceramic (Standard deviation)
Aperture	8mm measurement area 13mm target window	• 4mm measurement area 6.5 mm target window • 8mm measurement area 13mm target window 20mm target window	*Switchable aperture:* • 4mm measurement area 6.5 mm target window • 8mm measurement area 13mm target window *Optional fixed aperture:* • 14mm measurement area 20mm target window
Advanced on-board functions	PROJECTS		PROJECTS & JOBS
Interface to X-Rite application software	No	Yes	Yes
Data interface: patented bi-directional RS-232, 300-38,400 baud	N/A	Yes	Yes
Flip-back target shoe	Yes	Yes	Yes

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xrite.com

ISO 9001 Certified

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