



# 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

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* <sub>ab</sub>	0.20 DE* <sub>ab</sub>	8mm/14mm = 0.13 DE* <sub>ab</sub> 4mm = 0.20 DE* <sub>ab</sub>
CMC equivalent:	0.30 DE <sub>cmc</sub>	0.15 DE <sub>cmc</sub>	8mm/14mm = 0.10 DE <sub>cmc</sub> 4mm = 0.15 DE <sub>cmc</sub>
	.10 DE* <sub>ab</sub> on white ceramic (Standard deviation)	.05 DE* <sub>ab</sub> on white ceramic (Standard deviation)	.05 DE* <sub>ab</sub> 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	<i>Switchable aperture:</i> • 4mm measurement area 6.5 mm target window • 8mm measurement area 13mm target window <i>Optional fixed aperture:</i> • 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



xrite.com

ISO 9001  
Certified

**X-RITE WORLD HEADQUARTERS**  
Grandville, Michigan USA  
(616) 534-7663  
(800) 248-9748  
FAX (616) 534-8960

**X-RITE LATIN AMERICA**  
Hollywood, Florida USA  
954-927-4979  
FAX 954-927-4979

**X-RITE LTD.**  
Poynton, Cheshire  
United Kingdom  
44 (0) 1625 871100  
FAX 44 (0) 1625 871444

**X-RITE MÉDITERRANÉE**  
Massy, France  
33 1-6953-6620  
FAX 33 1-6953-0052

**X-RITE IBERICA**  
Barcelona, Spain  
34 93 567 70 73  
FAX 34 93 567 70 78

**X-RITE ITALY S.R.L.**  
Origgio (VA), Italy  
(39) 02-967-34266  
FAX (39) 02-967-30681

**X-RITE GmbH**  
Köln, Germany  
(49) 2203-91450  
FAX (49) 2203-914519

**Vyskov, Czech Republic**  
(00) 420 517-320-331  
FAX (00) 420 517-320-335

**X-RITE INTERNATIONAL  
TRADING LIMITED**  
Shanghai, PR China  
86-21-6427-2426  
FAX 86-21-6427-5816

**X-RITE ASIA PACIFIC LTD.**  
Quarry Bay, Hong Kong  
(852) 2-568-6283  
FAX (852) 2-885-8610

**X-RITE K.K.**  
Tokyo, Japan  
81-3-5439-5971  
FAX 81-3-5439-5972

INFORMATION PROVIDED IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE. The user assumes the entire risk as to the accuracy and the use of this information. All text must be copied without modification and all pages must be included. All components of this information must be distributed together. This information may

not be distributed for profit. © X-Rite, Incorporated 2005. X-Rite® is a registered trademark of X-Rite, Incorporated. Other brand and product names are trademarks of their respective holders. All trademarks may be registered in the United States and/or other countries. Product design and specifications subject to change without notice.

L10-177 (04/05) Printed in U.S.A.