

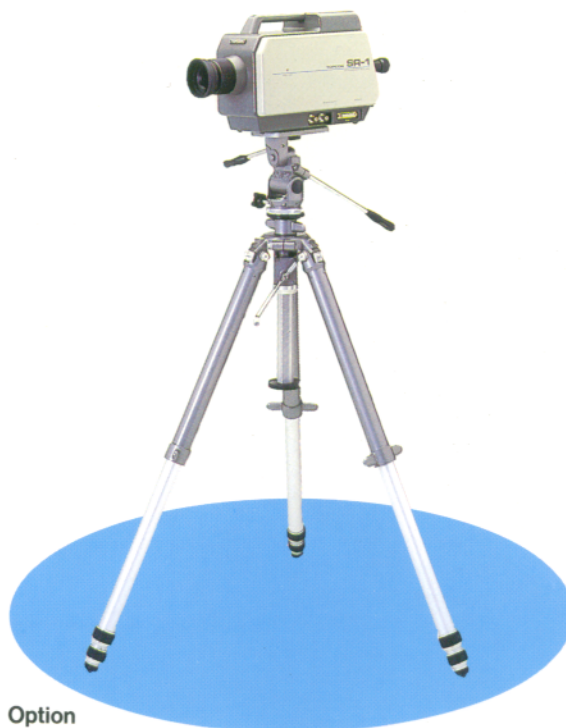
Specifications

Content of measurement:	Spectral radiance		
Wavelength range:	380 to 760nm (variable within this range)		
Dispersive element:	Diffraction grating		
Photodetector:	Photomultiplier tube		
Measuring field:	0.2°/2° (selected manually)		
Viewing field:	5°		
Wavelength scanning:	Sine-bar drive using stepping motor		
Slit wavelength width:	5nm at 589nm		
Sampling interval:	1/5/10 nm equal intervals		
Measuring time:	Approx. 3 minutes (including arithmetic operation time) to perform measurement between 380 to 760nm at 5nm intervals		
Measuring distance:	400 to infinity, from focal point mark		
Range:	Auto/manual 3-step selection		
Linearity:	±4%		
	Spectral radiance (w/sr·m ² ·nm)		
	2°		0.2°
450	4.490×10 ⁻⁵ ~1.572×10 ⁻²	4.490×10 ⁻³ ~1.572	
550	1.261×10 ⁻⁴ ~4.415×10 ⁻²	1.261×10 ⁻² ~4.415	
650	2.239×10 ⁻³ ~7.843×10 ⁻²	2.239×10 ⁻¹ ~7.843	
Wavelength accuracy:	±2nm at the following wavelengths Mercury Mercury line: 404.7, 435.8, 546.1nm Sodium line: 589nm Cadmium line: 643.8nm		
Arithmetic operation functions:	Radiance Le, Luminance Lv, Tristimulus values XYZ, Chromaticity coordinate (x, y) (u', v'), Color temperature Tc, Deviation duv, spectral radiance ratio		
Printer:	24-character dot impact (for data printing and graph printing)		
Display:	LCD 16-character x 4-line dot matrix (for data display and dialog)		
Optical system:	Objective F4, f=80mm		
Minimum measuring area:	0.68mm dia. (0.28mm dia. when attachment lens is used)		
Built-in interface:	GB-IB(RS-232C is available alternatively)		
Analog signal output:	Analog voltage output for XY recorder		
Supply voltage:	100V or 220VAC 50/60Hz		
Operating conditions:	Temperature 0 to 40°C Humidity 85% RH max		

Configuration

Standard configuration

- ① Main unit (including fuse) x 1
- ② Power cable x 1
- ③ BNC cable x 2
- ④ Lens cap x 1
- ⑤ Ink ribbon x 1
- ⑥ Roll paper x 1
- ⑦ Case x 1



Option

- ① Tripod II
- ② Standard reflectance diffuser WS-2
- ③ Close-up attachment lens
- ④ Fine adjustment tripod head S-3



TOPCON CORPORATION

75-1 Hasunuma-cho, Itabashi-ku, Tokyo, 174 Japan
Telex: 0272-2384 Phone: 3-967-1101 Fax: 3-960-4214

TOPCON INSTRUMENT CORPORATION OF AMERICA

CORPORATE OFFICE
65, West Century Road, Paramus, New Jersey 07652, U.S.A.
Telex: 134338 Phone: 201-261-9450 Fax: 201-387-2710

WESTERN REGIONAL OFFICE
325 North Wiget Lane, Walnut Creek, California 94598, U.S.A.
Phone: 415-947-4800 Fax: 415-947-3964

MID-WESTERN REGIONAL OFFICE
571 West Golf Road, Arlington Heights, Illinois 60005, U.S.A.
Phone: 312-439-8534 Fax: 312-439-8582

TOPCON EUROPE B.V.

Esse Baan 11, 2908 LJ Capelle a/d IJssel, The Netherlands
Telex: 23783 Phone: 10-4585077 Fax: 10-4585045

TOPCON DEUTSCHLAND G.m.b.H.

Krefelderstrasse 19-21, D-4156 Willich 1, West Germany
Telex: 8531981 Phone: 02154-427061-5 Fax: 02154-40909

TOPCON S.A.R.L. (Medical)

107/109 Rue de Président Wilson 92300 Levallois-Perret, France
Phone: 1-47390267 Fax: 1-47390251

TOPCON ESPAÑA S.A.

Avenida Diagonal 601, Planta Baja Puerta B, 08028 Barcelona, Spain.
Phone: 3-4193097 Fax: 3-4191532

TOPCON SINGAPORE PTE. LTD.

24 Pasir Panjang Road, #05-15 PSA Multi-Storey Complex, Singapore 0511.
Telex: RS 26622 Phone: 2780222 Fax: 2733540

TOPCON AUSTRALIA PTY. LTD.

253 Princes Highway Arncliffe Sydney, NSW2205, Australia.
Phone: 2-5972466 Fax: 2-5973842

TOPCON CORPORATION ATHENS OFFICE

Athens Tower "B" Suite 401, 2-4 Mesoghion Street, Athens 115 27 Greece.
Telex: 219447/216553 Phone: 7798912/7798913 Fax: 7793974