

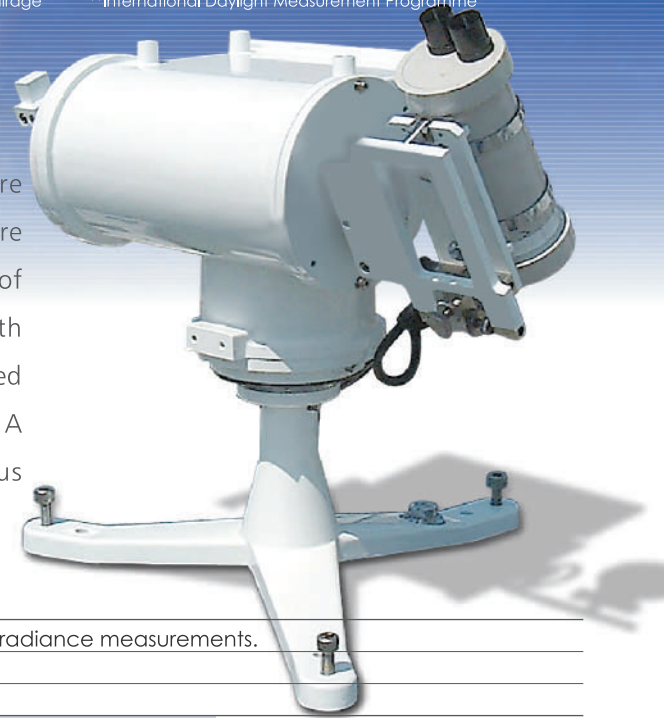
Sky Scanner

Designed conformity with CIE* recommendation for IDMP**

*Commission Internationale de L'Eclairage

**International Daylight Measurement Programme

The EKO Sky Scanner MS-321LR is designed to measure distribution of both luminance and radiance of a sky hemisphere over 145 points according to "Guide to recommended practice of daylight measurement (CIE108-1994)". The scanner has both luminance and radiance sensors in one sensor head. A scheduled measurement has been enabled by the measurement software. A weatherproof construction of the scanner allows continuous outdoor operation.



■ SkyScanner

Scanning time	approx. 4min. for 145 points of both luminance and radiance measurements.			
Pointing resolution	0.0036° for both azimuth and elevation angle			
Pointing accuracy	0.2° for both azimuth and elevation angle			
Luminance sensor	Spectral response	Visible response (CIE)		
	Range	0 to 50k·cd/m ²	A/D converter	16bit
	Field of view	11°	Output	RS-422
	Slope angle	1°	Operating Temp.	-30 ~ +40°C
	V(λ) mismatch	2.5%	Size	430×380×440mm
Radiance sensor	Linearity	0.3%	Weight	13 kg
	Spectral response	0.3 to 3μm	Power requirement	AC100 - 240V, 50/60 Hz, 50VA
	Range	0 to 300W/m ² ·sr		
	Field of view	11°		
	Slope angle	1°		
	Linearity	0.5%		

■ Software

Functions	Control the scanner, Acquiring and displaying data
Data	CSV format, 2.6kB/scan
Operation System	Windows

