

Sky Radiometer

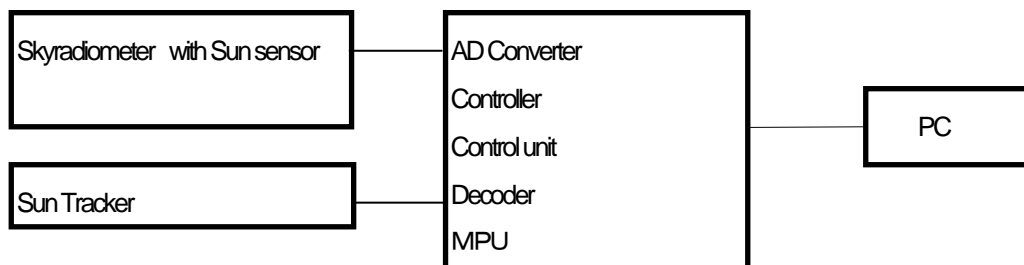
POM-02



Features

This is equipment which measures direct solar and the spectrum intensity of dispersion. Detector is carried in solar tailing equipment, catches a solar position by sun sensor, and can be followed automatically. Measurement data is the microprocessor and recorded on a personal computer. It is possible especially to add the filter of long wavelength and to use for cloud analysis.

Construction



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Specification

Opening Half View Angle	0.5deg
Minimum diffuse Angle	3deg
Wave Length	315, 340,380,400, 500, 675, 870, 940, 1020,1627,2200 nm (standard)
Wavelength selection	Filter wheel
Detector	Short wavelength :Silicone photo diode
	Long wavelength: In Ga As
Drive system	Pulse motor drive system
An angle of operation	350deg Direction angle
	150deg Zenith angle
Solar position sensor	4Element Si sensor
PC interface	RS-422
Power consumption	100W
Power	AC100~AC240V/2A
Cable length	20m(standard)
Weight	Skyradiometer with Sun tracker / about 19kg
	Cable/ about 4kg

Dimension

