



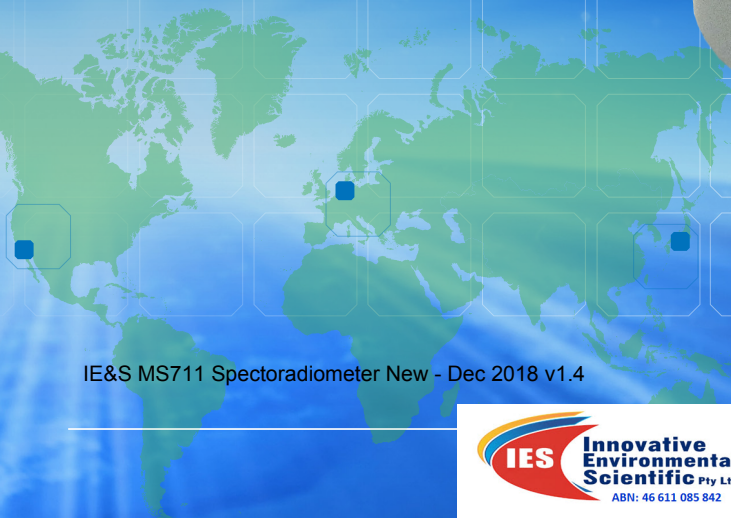
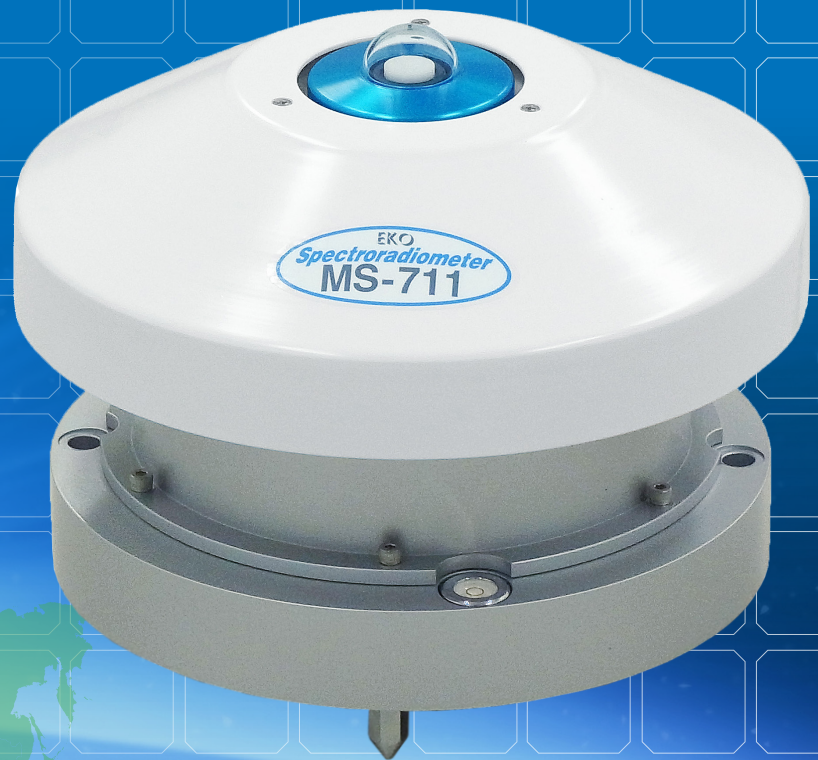
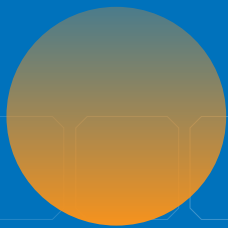
EKO INSTRUMENTS

DISTRIBUTOR



NEW MS-711 SPECTRORADIOMETER

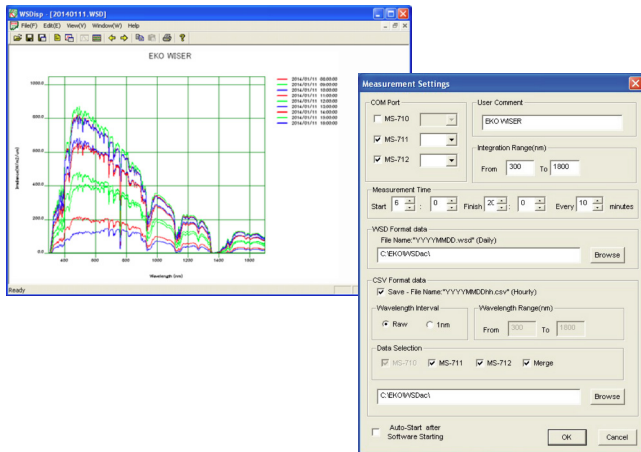
The most reliable solar spectral data.



NEW MS-711 SPECTRORADIOMETER

The most reliable solar spectral data.

The MS-711 is a unique all weather spectroradiometer with an extensive spectral range from 300nm to 1100nm (UV / Visible / NIR). Delivered with a calibration uncertainty budget, it is accurately calibrated and traceable to the international standards.



The temperature sensor unit inside the MS-711 is controlled at a stable temperature to ensure an optimal accuracy and performance on a wide operating temperature range. The rugged optical design of the diffusor and input optics make the MS concept superior to any fiber optic spectroradiometer, which will be susceptible to mechanical vibration. The MS-711 spectroradiometer is designed for permanent installation, but is perfectly suited to be used as a traveling reference.

The spectroradiometer has a separate power supply and can be controlled through RS232/422 by a PC or data logger. The standard PC software provides different functions for operation, data management and visualization. The open command protocol allows to create a customized software.

Specifications MS-711

Wavelength	300 to 1,100nm
Wavelength interval	0.3 ~0.5nm
Spectral resolution	<7nm (1nm data output)
Wavelength accuracy	±0.2nm
Temperature dependency	Less than 2% (-10 ~ 50°C)
Cosine response	5% at 80°
Temperature control	Temperature controlled @ 25°C±2°C
Exposure time	10 msec to 5000msec, automatically controlled
Dome material	Synthetic Quartz
Power supply	100-240VAC, 50/60 Hz
Operating temperature	Temperature: -10~+50°C
Dimension (including cover and dome)	220 (Ø) ×197 (H) mm
Weight (sensor part)	4.5 kg