

## MS-212A UVA Sensor

### Technical Specifications

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UV stabilized UV-A filter optics

Spectral response 315 - 400nm

Dual Voltage output

Low temperature dependency

The precision UV-A Radiometer MS-212A is designed to measure UV-A radiation with high reliability. It is calibrated against a NIST traceable standard. The combination of a well-designed UV-A filter and a GaAsP photodiode guarantees high performance to measure UV-A between 315 and 400nm. The energy in this spectral range accounts for 4 to 5% of the total solar radiation.

	<b>MS-212A</b>
<b>Response time 95%</b>	< 1 Sec.
<b>Non-linearity</b>	< 2 %
<b>Directional response Incident Angle 0° to 70°</b>	< 10 %
<b>Temperature response -10°C to 50°C</b>	< 1.5 %
<b>Output Analog</b>	0 - 1 V
<b>Impedance</b>	500 Ω
<b>Operating temperature range</b>	-10 - 50 °C
<b>Cable length</b>	10 m
<b>Wavelength range</b>	315 - 400 nm
<b>Power supply</b>	AC100 to 40V, 50/60Hz, 10W

Specifications are subject to change without further notice.