



Kipp & Zonen CUV5 UV Radiometer

Product #: 0364910
USD Price: Contact Hach

The CUV5 is a general-purpose instrument for applications in meteorology, for material testing, for monitoring of lamps and for use in ageing tests in solar simulators.

The high quality dome and diffuser give optimized directional response. An optical filter provides sensitivity to combined UVA and UVB irradiance.

The CUV5 is not suitable for the measurement of specific parts of the UV spectrum such as UVA, UVB or UVE / UV Index. For measurement of these individual parameters our SUV A,B or E are required.

The CUV5 has an analogue output and fast response. The CUV5 is extremely robust and comes with 5 years warranty.

UV spectrum

Broadband UV-A and B, 280 - 400 nm is measured.

Specifications

Analog Outputs:	200 to 400 $\mu\text{V}/\text{W}/\text{m}^2$
Digital Outputs:	N.A.
Directional Response:	$< \pm 5 \%$ with 100 W/m^2 beam
Field-of-View:	180°
Input Voltage:	N.A.
Maximum UVA/UVB Irradiance:	400 W/m^2
Non-linearity:	$< \pm 1\%$
Output Range:	0 to 400 W/m^2
Power Consumption:	N.A.
Response Time:	$< 1 \text{ s}$
Spectral Accuracy:	$< \pm 2\%$ (Spectral error)
Spectral Bandwidth:	280 to 400 nm
Temperature Range:	-40 to +80 °C

Temperature Response:

< $\pm 3\%$

UV Band:

A and B