



With our UV probes, we offer calibrated probes for measuring of the irradiance in areas that are difficult to access.

The UV probes are available in three versions and several standard lengths of 15 cm to 60 cm. With an outer diameter of only 6 mm, the UV probes are a perfect supplement for the precise radiometers RM-12 and RMD, as well as for the spectral radiometers UVpad E and SR900.

All UV probes come with a diffuser, which enables the absolute measurement of irradiance and which ensures the required cosine correction during a non-perpendicular irradiation.

The UV probes are, together with the radiometers, traceably calibrated to standards of the PTB, recalibratable and are supplied with a calibration certificate by the factory.

The versions “side-on” and “head-on” are suitable for irradiance measurements e.g. of mercury medium pressure emitters or the effective disinfecting UVC irradiance (UVGI). The “integrating” version measures in all directions and is thus designed as entrance optics for

spectral radiometers for the detection of the lamp spectra.

For the use with a radiometer, our standard range contains eight spectral ranges and three measuring ranges. Due to the integrated electronics, several UV probes can be connected to one radiometer.

For the use with a spectral radiometer, the UV probes are delivered with a changeable SMA connection.

HIGHLIGHTS

- Diameter of only 6 mm
- Measurements in difficult to reach areas
- UV diffuser for precise measurements
- 8 spectral ranges available
- For radiometers or spectral radiometers
- Long-term stable and recalibratable



UV probe (15 cm)

FOR USE WITH A RADIOMETER

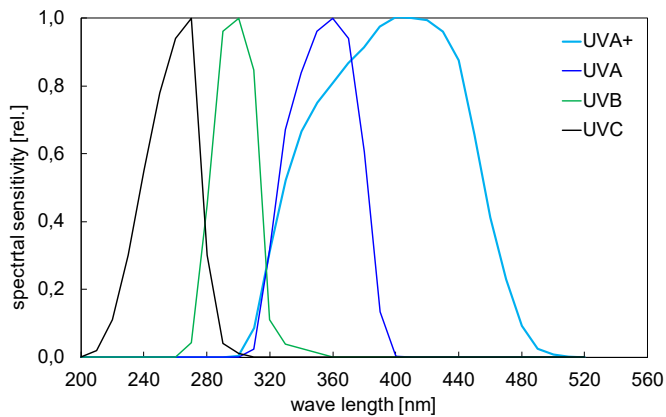


Radiometer RMD Pro

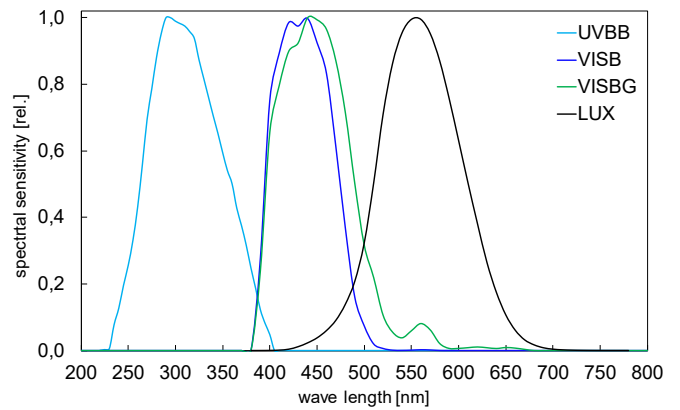
UV PROBES FOR RMD PRO

Sensor connector	5 pole, pluggable
Measurement range	0 - 10 W/cm ² 0 - 20 W/cm ² (opt. -2)

SPECTRAL SENSITIVITY



Spectral sensitivity UVA+, UVA, UVB and UVC probes



Spectral sensitivity UVBB, VISB, VISBG and LUX probes

TECHNICAL DATA

Diameter, probe	Ø 6 mm
Length, probe	15 cm or 30 cm
Diameter, electronics	40 mm
Length, electronics	~ 40 mm
Weight	~ 200-350 g
Connecting cable	2 m
Operation temp., probe	0 to 200 °C
Operation temp., electronics	0 to 60 °C

UV PROBE SPECTRAL RANGES

UVC	200 - 280 nm
UVB	280 - 315 nm
UVA	315 - 400 nm
UVA+	330 - 455 nm
UVBB (broad band)	230 - 400 nm
VISB	400 - 480 nm
VISBG	400 - 570 nm
LUX	380 - 780 nm, V(λ)

FOR USE WITH A SPECTRAL RADIOMETER



Spectral radiometer UVpad E



Laboratroy spectral radiometer SR900

UV PROBES FOR UVPAD E / SR900

Diameter, probe	Ø 6 mm
Length, probe	15 cm or 30 cm
Light guide, connector	SMA 905
Light guide, length	1,5 m
Light guide, type	UV enhanced silica with metal shielding
Diameter, connector	15 mm
Weight	~ 100-200 g
Operation temp., probe	0 to 200 °C

SPECTRAL RANGES

UVPAD E	240 - 480 nm
SR600	200 - 1100 nm



UV Probe SMA (length 15 cm)

PART NUMBERS

	RMD	RMD Pro	UVpad E	SR900
Radiometer	814401	814400	-	-
Spectral radiometer	-	-	670027	840310
UV PROBE SMA	-	-	670027pxx	840320pxx
UV PROBE RM UVC	814410pxx	814410pxx	-	-
UV PROBE RM UVB	814420pxx	814420pxx	-	-
UV PROBE RM UVA	814430pxx	814430pxx	-	-
UV PROBE RM UVA+	814445pxx	814445pxx	-	-
UV PROBE RM UVBB	814411pxx	814411pxx	-	-
UV PROBE RM VISB	814440pxx	814440pxx	-	-
UV PROBE RM VISBG	814450pxx	814450pxx	-	-
UV PROBE RM LUX	814461pxx	814461pxx	-	-

Please specify uv probe length xx:
 15 cm: p15
 30 cm: p30

