光偵測頭
Light Detector

InternationalLight TECHNOLOGIES

殺菌光測量
Germicidal Light Measurement

Use of ultraviolet for germicidal disinfection is a technology which can be applied to air, water and surfaces. Scroll down for our selection of germicidal light meter systems.

Specifications

Common Sources	Spectral Range	Product Options	Measurement Range	Units
Low pressure mercury	250-1050 nm	ILT950 SPECTRORADIOMETER	Customized spectrum	W/m²/nm
	214 - 360 nm	ILTOPM1-D with SED008/W Detector - Calibration at 254 nm	Application specific	mW/cm²
	214 - 360 nm	ILT77 Germicidal Radiometer	1.00 to 199.99	mW/cm²
Xenon arc	249-259 nm,	IL1700, SED240/NS254/W	$8.00e^{-9}$ to $4.00e^{-3}$	W/cm²
Xenon merc. arc	CW 254 nm	IL1400, SEL240/NS254/TD	$2.08e^{-6}$ to $2.08e^{-2}$	W/cm²
High pressure merc.	249-259 nm,	IL1700, XRD140T254	$6.67e^{-9}$ to $6.67e^{+0}$	W/cm²
Mercury arc	CW 254 nm	IL1400, XRL140T254	$3.33e^{-7}$ to $1.17e^{+0}$	W/cm²
Mercury tube	235-307 nm	IL1700, SED240/ACT5/W	$5.00e^{-9}$ to $2.50e^{-3}$	eff W/cm²
UV source	235-307 nm	IL1400, SEL240/T2ACT5	$1.49e^{-7}$ to $1.49e^{-3}$	eff W/cm²
Low pressure only	185-310 nm	IL1700, SED240/W	$1.00e^{-9}$ to $5.00e^{-4}$	W/cm²
Low pressure only	185-310 nm	IL1400, SEL240/QNDS2/TD	$3.33e^{-5}$ to $3.33e^{-1}$	W/cm²
Low pressure only	185-310 nm	IL1700, SED240/QNDS2/W	$6.67e^{-7}$ to $3.33e^{-1}$	W/cm²
	165-200 nm	IL1700, SED185/NS185	$9.52e^{-7}$ to $4.76e^{-1}$	W/cm²
	165-200 nm	IL1400, SEL185/NS185	$4.76e^{-5}$ to $4.76e^{-1}$	W/cm²
	165-200 nm	IL1700, SED220/NS185	$5.00e^{-9}$ to $2.00e^{-3}$	W/cm²
	165-200 nm	IL1400, SEL220/NS185	$2.50e^{-7}$ to $2.50e^{-3}$	W/cm²

* All Radiometers / Photometers / Spectroradiometers are NIST Traceable.

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