

MODEL 4.0 Standard UVA Meter mW/cm²



- UV Lamp Intensity & Aging
- Outdoor UVA
- Acrylic Shield Transmission
- PUVA Therapy Lamp Intensity & Aging

MODEL 4.2 Sensitive UVA Meter μW/cm²



- Low Level UVA Household Lighting
- Outdoor Shady Area UVA
- Ground Level UVA Stadium Lighting
- Window Film/ Tint Transmission
- Eyewear UVA Blocking Capabilities

MODEL 5.0 Standard Total UV (A+B) Meter mW/cm²



- UV Lamp Intensity & Aging
- Outdoor UV
- Acrylic Shield Transmission Tests

MODEL 5.7 Sensitive Total UV (A+B) Meter μW/cm²



- Low Level UV Household Lighting
- Xeroderma Pigmentosum UV Exposure
- Artwork UV Exposure
- Outdoor Shady Area UV
- Ground Level UV Stadium Lighting
- Window Film/ Tint Transmission
- Eyewear UV Blocking Capabilities

MODEL 6.0 Standard UVB Meter mW/cm²



- UVB Lamp Intensity & Aging
- UVB Phototherapy Lamp Intensity & Aging
- Outdoor UVB
- Acrylic Shield Transmission
- Window Film/ Tint Transmission
- Eyewear UVB Blocking Capabilities

MODEL 6.2 Sensitive UVB Meter μW/cm²



- UVB Lamp Intensity & Aging
- Reptile Lamp Intensity & Aging
- UVB Phototherapy Lamp Intensity & Aging
- Acrylic Shield Transmission
- Window Film/ Tint Transmission
- Eyewear UVB Blocking Capabilities

MODEL 6.2R Reptile UVB Lamp Meter



- UV Lamp Intensity & Aging
- Reptile Lamp Intensity & Aging

MODEL 6.4 Vitamin D3 Meter IU/Min



- UV Lamp Intensity & Aging
- Lamp Intensity in Terms of Vitamin D3 Production
- Solar Intensity In Terms Of Vitamin D3 Production
- Comparison Of Sources In Terms Of Vitamin D3 Production

MODEL 6.5 UV Index Meter



- UV Lamp Intensity & Aging
- Reptile Lamp Intensity & Aging
- Solar Intensity In Terms Of UV Index
- Comparison of Sources In Terms Of UV Index
- Tracking Of UV Index Over Time

MODEL 6.5R Reptile UV Index Meter



- UV Lamp Intensity & Aging
- Reptile Lamp Intensity & Aging

MODEL 7.0 UV Erythemally Effective Meter (E_{eff}) MED/Hr



- UV Lamp Intensity & Aging
- Solar Intensity In MED/Hr
- Comparison Of Sources In MED/Hr
- Tracking Of UV In MED/Hr Over Time

MODEL 7.5 UV Erythemally Effective Meter (E_{eff}) W/m²



- UV Lamp Intensity & Aging
- Tanning Lamp Output Regulations
- Solar Intensity in W/m²
- Acrylic Shield Transmission
- Window Film/ Tint Transmission
- Eyewear UV Blocking Capabilities

MODEL 8.0 UVC Meter μW/cm²



- Germicidal Lamp Intensity & Aging
- Germicidal Lamp Fixture Leakage
- Eyewear UVC Blocking Capabilities

MODEL 8.0-RP UVC Meter With Remote Probe



- Germicidal Lamp Intensity & Aging
- Germicidal Lamp Fixture Leakage
- Eyewear UVC Blocking Capabilities

MODEL 9.2 Bilirubin Meter μW/cm²



- Bilirubin Lamp Intensity & Aging
- Blue Light/ LED Intensity & Aging
- Aquarium Lamp Intensity & Aging
- Acne Lamp Intensity & Aging
- Blue Light Household Appliances
- Photosynthetic Action Spectrum Blue Band
- Eyewear Actinic Blocking Capabilities

MODEL 9.4 Visible Blue Light Meter mW/cm²



- Blue Light/ LED Intensity & Aging
- Aquarium Lamp Intensity & Aging
- Acne Lamp Intensity & Aging
- Photosynthetic Action Spectrum Blue Band
- Outdoor Blue Light
- Actinic Blocking Eyewear Capabilities

MODEL 9.6 Visible Red Light Meter mW/cm²



- Red Light/ LED Intensity & Aging
- Red Fluorescent Lamp Intensity & Aging
- Red HID Lamp Intensity & Aging
- Collagen Stimulation Lamp Intensity & Aging
- Wound Healing Lamp Intensity & Aging
- Photosynthetic Action Spectrum Red Band
- Outdoor Red Light

MODEL 10.0 Global Solar Power Meter W/m²



- Solar PV Panel Input
- Outdoor Solar Irradiance
- Estimating PV Array Power Output
- WRR Traceable Accuracy

HANDHELD RADIOMETERS

NIST-Traceable • Easy-To-Use • Made In USA

MODEL	ENVIRONMENT	LED/ LIGHTING	PUBLIC HEALTH	OUTDOOR ACTIVITIES	METROLOGY	HORTICULTURE	REPTILE/ PETS
MODEL 4.0	X			X	X		
MODEL 4.2					X		
MODEL 5.0	X			X			
MODEL 5.7			X				
MODEL 6.0	X		X	X	X		
MODEL 6.2	X		X	X	X		
MODEL 6.2R	X		X	X			X
MODEL 6.4	X		X	X			
MODEL 6.5	X		X	X			
MODEL 6.5R	X		X	X			X
MODEL 7.0	X		X	X	X		
MODEL 7.5	X		X	X	X		
MODEL 8.0-RP			X		X		
MODEL 9.2		X	X		X		
MODEL 9.4	X	X		X	X	X	
MODEL 9.6	X	X		X	X	X	
MODEL 10.0	X	X			X		

REV A | All Models | Feb 2021
Specifications subject to change without notice.



SolarMeter® Models (From Left to Right)
Model 6.5 UV Index Meter, Model 6.5R Reptile UV Index Meter & Model 8.0 UVC Meter

SOLARMETER™ by Solar Light Company Inc. is the industry standard for UV and visible light radiometers that measure both indoor and outdoor light sources. Our NIST Traceable meters are used to monitor lamp irradiance and aging for UV sterilization, reptile husbandry, indoor tanning, red/blue light phototherapy, UV curing and UV Index.

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