

DERMA UV PHOTONIC SIMULATOR

(Multiport UV Solar Simulator)

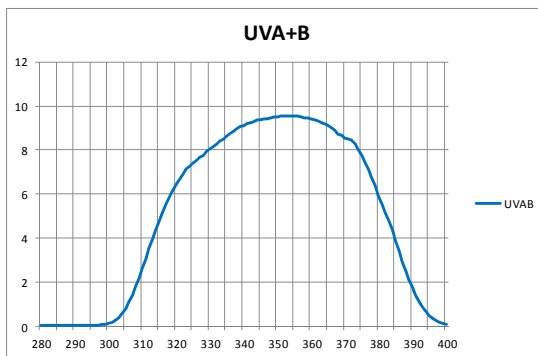
FEATURES

- ◆ ISO 24444 (SPF), ISO 24442(PA) Standards
- ◆ UP/Down movement by motorized linear track
- ◆ Up/Down stroke 500 mm
- ◆ Rotation of left, right 45 deg.
- ◆ Distance adjustment : 50 ~ 465 mm
- ◆ Fine Dose adjustment by precise iris
- ◆ 6 ports with 8 mm square irradiation area
- ◆ Excellent uniformity by precision optics
- ◆ Easy Lamp exchange and maintenance

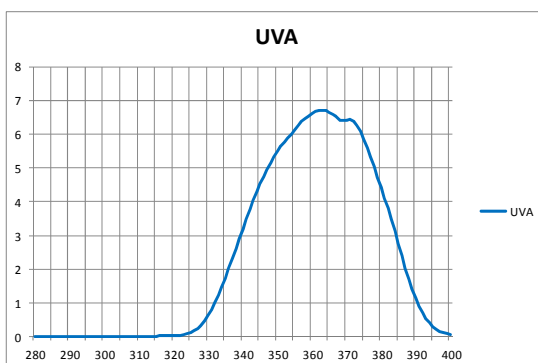
<Compliance for the COLIPA, FDA, JCIA, ISO24442, and ISO24444 spectral irradiance standards>



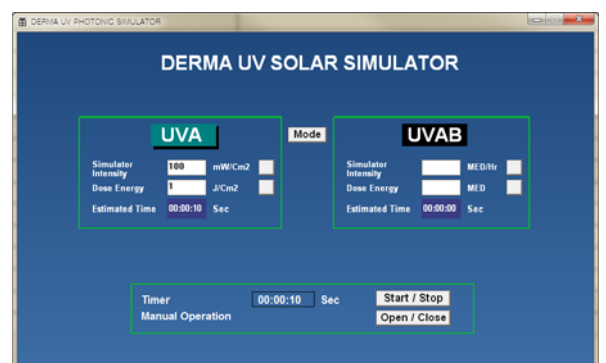
UVA+B Spectral Distribution



UVA Spectral Distribution



UV Irradiation Control Software



■ SPECIFICATION

Items	Descriptions
Model	XUV-5006
Light Source	Xenon Arc Lamp
Spectrum Distribution	290 ~ 400 nm
Light Intensity Adj.	0 ~ 100%
PA, SPA Filter	UVA, UVA+UVB Filter
Cooling	Forced Air Cooling
Light Guide	6 Branches (Ports), 8 mm Dia x 500 mm Length
Light Output	8 mm Square
Shutter	Linear Motor Type
UV Detector	280 ~ 400 nm for UVA and UVAB
Detector Input	15 Pin Connector / 2 USB Digital Signals Each (Option)
Spectral Range	UVA : 320 ~ 400 nm, UVAB : 290 ~ 400 nm
Accuracy	Broad measurement range (8 decades of optical analysis)
Calibration	NIST-Traceable ISO 17025 accredited calibrations
Operation Software	Windows 10 / Datalight III / UV Control Software
Movable Stand	4 Wheels
Flexible Arm	Horizontal 3 Axes Arm
Max. Length	500 mm, Max. 465 mm Stroke, Turning Angle : 45 Deg. (Left 45 Deg. / Right 45 Deg.)
LLG Fixture Arm	Articulated Arm (3 Axes)
Movable Table	For Laptop PC
Load Capacity	45 kg
Arm Material	Powder coated Steel and Aluminum Alloy
Table Height	1,000 mm
Height Adjust.	Motorized UP/Down (1,420 mm ~ 2,170 mm)
Up/Down Stroke	500 mm
HMI Interface	Laptop PC, Intel Quad-Core I5 Processor, 8 GB
System Control	Power Control Unit
Wiring Connections	1 Phase, 2 Wire w/ Ground (2/PE)
Input Voltage	200-220 VAC
Max. Current	2 Amps
Frequency	50/60 Hz
Max. Power	400 W
Weight	70 kg
Dimension (Height Adjustable)	1,010 mm (L) x 800 mm (W) x 1,420 mm (H), Max. 2,170 mm (H)
Application	Solar Simulation Test, SPF/PA Testing, Dermatology, Photobiology and etc.
Accessories	<ul style="list-style-type: none"> ▪ UV Instrument and Detector, USB Cable – 1 EA ▪ UVA, UVA+B Filter – 1 EA ▪ L Wrench Set, Screw Driver – 1 Set ▪ End Pad – 100 EA ▪ UV Goggle – 1 EA ▪ Irradiation Control Software, UV Datalight III Software
Remark	Compliance for the COLIPA, FDA, JCIA, ISO24442, and ISO24444 spectral irradiance standards.

* The above specification could be changed for quality improvement without notice.