
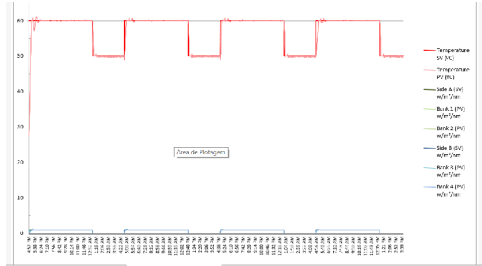
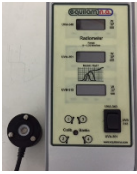


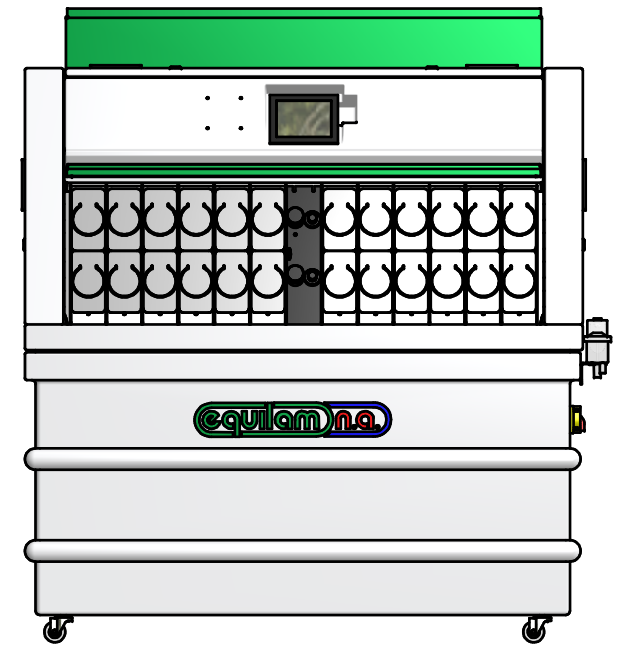
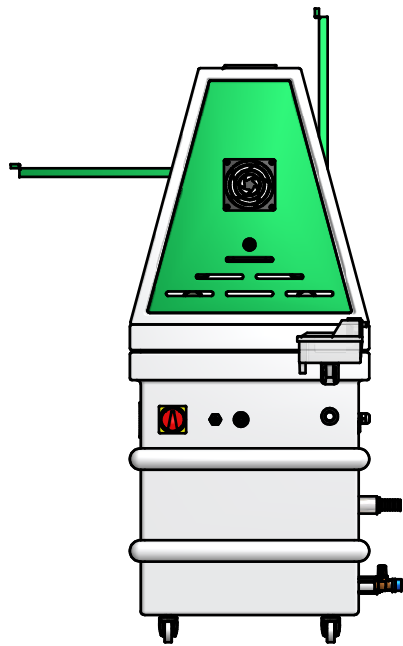
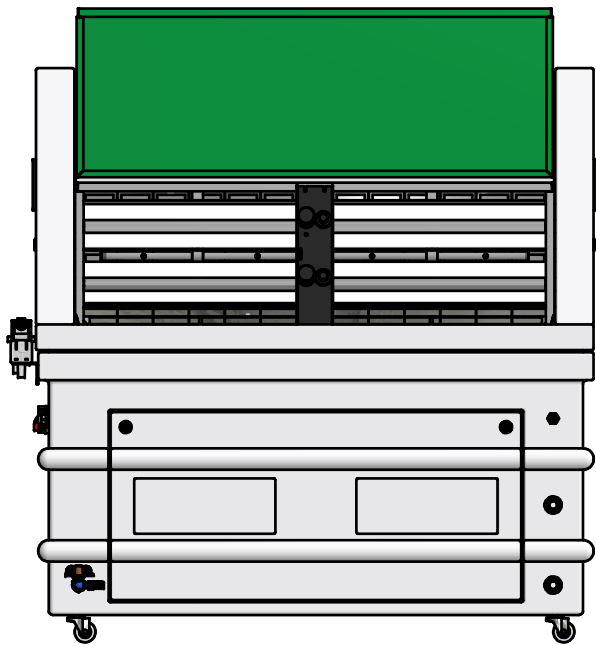


EQNA UV Series – Fluorescent UV Equipment			
<u>Specifications/Details</u>	EQNA UV	EQNA UV + Condensation	EQNA UV + Condensation + Spray
**UV Mode Temperature Range	Amb. +9°F - + 176°F(+5°C - +80°C)		
**Condensation Mode Temperature Range	-	Amb. +9°F - +140°F(+5°C - +60°C)	
**Spray Mode Solution Temperature	-	-	Ambient Temp.
*Spray with UV Light Mode	-	-	Yes
**Control/Adjustment range UVA irradiation power	0.30 to 1.60 W/m ² /nm		
Control/Adjustment range UVb irradiation power	0.30 to 1.25 W/m ² /nm		
Intensity Irradiation Units Selectable	W/m ² /nm – W/m ² - J/m ² - kJ/m ² /nm		
Temperature Units Selectable	°C - °F		
Irradiation Uniformity	+/- 4% cross section on the flat sample		
UVA/UVB fluorescent lamps are monitored and controlled for irradiation consistency during test	4 UV sensors - 1 for each pair of lamps		
Ergonomically Designed	Yes		
Black panel on each side allows independent bulb usage extending bulb life	Yes		
Specimen Capacity	48 specimens + 2 sets BPT		
User Interface Platform	Touch Screen Color 		
Trend Plot of Test Parameters	Yes		
Door Safety System	Yes		
UL 508a Compliant	Yes		
Specimen fixtures	Yes		
Alarm messages, recommended maintenance displayed on touchscreen	yes		

Critical test parameters displayed on one screen	Yes
20 Programmed Tests	Yes
User Friendly Software	Yes
Error messages displayed	Yes
Ease of lamp change	Yes
Visual Safety System (Touchscreen)	Yes
(8) Lamps Fluorescent UV (per unit)	Four Types of Fluorescent Lamps: 313 nm – 340 nm - 351 nm and 365 nm, In accordance the standard.
Data Acquisition Software	<p>2 Types: PC or SD card</p> 
<ul style="list-style-type: none"> Automatic calibration via radiometer Standard Calibration port. Calibration for 313nm, 340 nm and 351 nm Bulbs. ** 	
BPT (Black Panel Temperature), PT100 Class A RTD sensor, calibrator. Temperature Range Amb. +9°F - + 176°F(+5°C - +80°C). **	
Exterior Dimensions W x D X H	55.9"x 26.4"x 53.5" 1,420 x 670 x 1,360 mm
Lid Open Dimensions W x D x H	55.9"x 44.5"x 53.5" 1,420 x 1,130 x 1,360 mm
Shipping (crated) Dimensions W x D x H	59"x 29.5"x 57.1 1,500 x 750 x 1,450 mm
Move-in Dimensions W x D x H	63" x 34" x 61" 1600mm x 850mm x 1550 mm
Net Weight (Empty)	222 lbs (101 kg)
Gross Weight (w/ shipping package)	321 lbs (146 kg)
Usable Area	43" x 13" (1100mm x 350mm) each side
Ambient Temperature Requirements	+63°F - +82°F (+17°C - +28°C)

Ambient Humidity Requirements	40% - 85% without condensation
Power	208v or 230V - 50-60Hz - 1 phase
FLA (230V)	16A
Water Quality	ASTM D 1193 Type IV
Water Flow Rate - Spray Mode	4.2 gal/minute (16 l/min) - 7 to 28 psi (0.5 to 2.0 kgf/cm ²)
Water Connection	1/4" NPT hose
Spray Mode Water Connection	1" NPT hose
Water Usage - Condensation Mode	1.32 gal per day
Gravity Drains	1/2" and 1" hose barb fitting
***DI Water Tank with pump – No recirculation External Dimension W x D x H : 66.1"x 33.5"x 980" 1,680 x 850 x 980 mm Shipping (crated) Dimensions W x D x H: 66.9"x 37.4"x 45.3" 1,700 x 950 x 1,150 Gross Weight Approximate (w/ shipping package): 297 lbs 135 kg	350 liters – 92,5 gal 

- * According ASTM D1193 - type IV, only for spray mode.
- ** Operational fluctuation on exposure conditions in accordance ASTM G 154.
- *** Recirculating spray – no recommend in accordance ASTM G 154 - Item 6.6.1.1..



Date:
09/06/2015

Sheet:
A3

No.

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Description: Specification Sheet

Project: EQNA-UV

Rev. 00