

# PHOTOSTABILITY CHAMBERS

*Models: 7540 / 7545*

Model	7540-1	7545-1	7540-2	7545-2	7540-3	7545-3
Lamp Type, UVA	Fluorescent, near UV (black lamp)					
Lamp Type, VIS	Fluorescent, cool white (ISO 10977 compliant)					
Light Detectors	UVA and Visual, calibrated					
UVA Light Intensity, Typical	20 W/m <sup>2</sup>		2-30 W/m <sup>2</sup>			
VIS Light Intensity, Typical	20 klux		2-35 klux			
Lamps Dimming	n/a		yes			
Typical Time Required to Reach ICH Recommendation of 200 W-hr/m <sup>2</sup>	10 hrs.		7 hrs.			
Typical Time Required to Reach ICH Recommendation of 1.2 million lux-hr	60 hrs.		35 hrs.			
Light Uniformity	UVA: ±10% VIS: ±15%		UVA: ±10% VIS: ±10%			
Temperature Range	10°C to 35°C (lights on)*					
Temperature Control	± 0.2°C					
Temperature Uniformity	± 2.5°C (lights on)					
Humidity Range	n/a	40-70% RH	n/a	40-70% RH	n/a	40-70% RH
Humidity Control	n/a	± 3%	n/a	± 3%	n/a	± 3%
# of Shelves, Size	Two (2) Sliding, 26.0" W x 23.1" D x 8" H (660mm W x 587mm D x 203mm H) each					
Usable Shelf Area, Each	19.0" x 23.0" (483mm x 584mm)					
Usable Shelf Area, Total	6.1 ft <sup>2</sup> (0.56m <sup>2</sup> ) - 76% of total shelf					
Maximum Weight per Shelf	22 lbs. (10 kg)					
Interior Surfaces	Reflective Specular Aluminum					
Interior Construction	Stainless Steel					
Internal Volume	11 cu. ft. (311L), includes lamp space					
Exterior Dimensions	37.7" W x 30.8" D x 45.7" H (958mm W x 782 mm D x 1161 mm H)					
Interior Dimensions	26.9" W x 24.0" D x 28.0" H (683mm W x 610mm D x 711mm H)					
# of Access Ports	Two (2), 2" W x 1.8" H (51mm W x 46mm H) each					
Shipping Weight	580 lbs. (700 lbs. with export crate)					
Electrical	115V, 60 Hz, 15A		208/230V, 60 Hz, 10A		230V, 50 Hz, 10A	

Specifications are subject to change without notice. Specifications were established with lights fully 'on' at 25°C, 50% RH and 20°C ambient temperature. RH levels limited by a 5°C minimum dewpoint. 50 Hz units are CE Marked and contain readily available European components.\* When calibrated to the median average temperature.