



MET® (NRTL) Listed, UL-61010

ES2000 Benchtop Photostability Specifications

Temperature Uniformity Lights On and Off	± 2.0°C (± 3.6°F)	Humidity Uniformity Lights On and Off	± 5% RH
Light Uniformity	±10% over usable shelf area	Light Sensor Control	±1% of Setpoint
Interior Dimensions W x D x H	34.0" x 28.5" x 21.5" (87 cm x 73 cm x 55 cm)	Exterior Dimensions W x D x H	41.0" x 34.5" x 52.5" (104 cm x 88 cm x 133 cm)
Interior Volume	12.0 ft ³ (340 liters)	Recirculated Airflow	340 CFM (9.6 m ³ /min)
Light Bank	(1) Located 12" above shelf	Usable Shelf Area	23" x 23" x 12" (3.7 ft ²)

Standard Model Specifications

Model - ES2000	CL-BT	CDML-BT	CL-BT-LT	CDML-BT-LT
Temperature Range	20 - 40 °C (68 - 104°F)	20 - 40 °C (68 - 104°F)	4 - 40°C (39 - 104°F)	4 - 40°C (39 - 104°F)
Humidity Range	N/A	30 - 75% RH	N/A	30 - 75% RH
Max Shipping Weight	555 lb (252 kg)	600 lb (272 kg)	555 lb (252 kg)	600 lb (272 kg)
Condensing Unit	1/2 HP, R-448A for all models			
Full Load Amps	7.6	20.5	15.7	20.5
Total Heat of Rejection Nominal	1757 W @ 25°C (5995 BTUH @ 77°F)	1903 W @ 25°C (6493 BTUH @ 77°F)	1757 W @ 25°C (5995 BTUH @ 77°F)	1903 W @ 25°C (6493 BTUH @ 77°F)
Total Heat of Rejection Maximum	1816 W @ 20°C (6195 BTUH @ 68°F)	1962 W @ 20°C (6894 BTUH @ 68°F)	2061 W @ 4°C (7032 BTUH @ 39°F)	2207 W @ 4°C (7530 BTUH @ 39°F)

Light Bank Specifications – DS (Dual Source)

Intensity Ranges CW	3.40 – 9.90 kilolux	Intensity Range UV	4.30 – 17.80 W/m ²
Factory Default CW	8.00 kilolux	Factory Default UV	10.0 W/m ²
Wavelength Range	315 – 750 nm.		

- The standard benchtop photostability chamber features a dual source (DS) light bank (UV and CW sources in one bank).
- Light output high and low levels are based on conditions of 25°C and product shelf unloaded.
- Factory Default Level(s) are based on approximately 60% (UV) and 80% (CW) of maximum light intensity.
- Operating range of 4°C to 40°C (-LT) includes special features for lamp pre-heating at 4°C for proper lamp starting. Operating at setpoints above 10°C requires removal of the top bank cap and removal of the air chase cover plates. The covers must be removed on all banks when operating chamber at temperatures above 10°C.