

UV Crosslinker CL Series

The compact crosslinkers of the CL series are completely microprocessor-controlled UV irradiation systems. They are suitable for DNA crosslinking and the elimination of PCR contaminations. The integrated UV programming system guarantees highest precision.

Applications:

- UV induced mutations
- Membrane crosslinking
- Biomolecular crosslinking
- UV dose calibrated to a NIST traceable standard

Specifications

- Built-in radiometer calibrated to a NIST traceable standard enables precise and accurate dosing to obviate end-user calibration
- Safety interlocks to prevent users from accidental UV exposure
- Extensive publications (on demand)
- Highly-uniform surface illumination
- Compact-size to accommodate limited lab space



Crosslinker CL-Serie

Technical Data

Model	CL-3000	CL-3000 M	CL-3000 L
Wavelength	254 nm for Disinfection	302 nm	365 nm
Order number	110.4305	110.4301	110.4302
Bulbs	6 x 8 Watt		
Energy	0000.1 - 9999.9 mJ/cm ² (0 - 10 J/cm ²)		
Time	000:01 - 999:59 (>300 J/cm ²)		
Temperature	15°C – 35°C		
Humidity	70% Non-Condensing		
Altitude	up to 3.000 m (9,842 ft)		
Sound Level	≤ 50 dB		
Housing Surface Temp	≤ 30°C		
Startup Time	< 1 sec		
External Dimensions (WxDxH)	41 cm x 40 cm x 26,5 cm		
External Dimensions (WxDxH)	35 cm x 27 cm x 16 cm		
Weight	6.8 kg: 15 lb		
Power	230 VAC 50/60Hz		
Certifications	CE, RoHS (CSA in Process)		