

BIO-LINK

> perfect irradiation

The Bio-Link crosslinker is a complete microprocessor controlled UV irradiation system, mainly dedicated to the linking of nucleic acid to membranes and elimination of PCR contamination. Its innovative design ensures unique features:

Microprocessor controlled

The programmable microprocessor constantly monitors the UV light emission. The irradiation stops automatically when the energy received matches the programmed energy.

Reproducibility

Thanks to its UV sensors, the irradiation cycles are perfectly reproducible, regardless of intensity fluctuation of the UV source. Just programme your energy and Bio-Link delivers it !

Consistent measure

The UV light intensity is captured in a well of light, positioned above the irradiation chamber. The UV cell measure is then collected from all the UV tubes and not just from one. This also protects the UV cell from any dirt which can enter the chamber.

Ease of use

The readout display and the large number of presets, in either energy unit or time unit make the Bio-Link a very simple instrument to use while very powerful.



Specifications

UV source	5 x 8-watt Either in 254 nm, 312 nm, 365 nm
Maximum UV energy exposure in Joules	Two measurement ranges: • from 0 to 99.99 J • or from 0 to 9.999 J
Maximum UV time exposure	999.9 minutes
Manual controls	Manual energy exposure setting Manual time exposure setting
Presets	Energy: 9 presets Exposure Time: 9 presets
Internal dimensions (H x D x W)	14.5 x 33 x 26 cm
External dimensions (H x D x W)	30.5 x 36 x 35 cm
Weight	10.500 kg
Power (voltage / hertz)	230 V / 50-60 Hz 115 V / 60 Hz 100 V / 50-60 Hz

Key features

- Microprocessor control
- Precise irradiation in either energy (Joules/cm²) or time (seconds)
- Preset programme for dosage of 0.120 J/cm² to optimise nucleic acid immobilisation
- Storage of the last UV setting
- Tactile membrane keypad and large L.E.D. readout
- Protective quartz disk on the UV sensor cell
- Spacious UV exposure chamber in stainless steel
- Safety interlock door with UV blocking observation window
- Automatic restart with no lost of information if circuit breaking-off
- UV wavelengths interchangeability