

UV photoreactor



Power and versatility

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 monitor the UV light emission. The irradiation stops automatically when the energy received matches the programmed energy.

Reproducibility

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

Durability

Bio-Link combines the latest technology with a very high quality of components : UV exposure chamber in stainless steel, protective quartz disk on the UV sensor cell, highly resistant tactile membrane keypad.

Ease of use

The readout display and the large number of presets, in either energy unit (Joules/cm²) or time unit (seconds) makes the Bio-Link a very simple instrument to use while very powerful.

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 jut one. This also protect the UV cell from any dirt which can enter the chamber.



Key features	Application
<ul style="list-style-type: none">✓ 254 and 365 nm wavelength✓ Small footprint for benchtop use✓ Overhead and sides UV supplies uniform UV✓ Microprocessor control✓ Precise irradiation in either energy (Joules/cm²) or time (seconds)✓ Preset and manual controls for ultraviolet or time exposures✓ Storage of the last UV setting✓ Tactile membrane keypad✓ Large L.E.D. readout✓ Spacious UV exposure chamber in stainless steel✓ Safety interlock door with UV blocking observation window✓ Safety fuses✓ Crosslinking for attaching nucleic acids to a membrane takes seconds as compared to oven baking	<ul style="list-style-type: none">✓ Crosslinking of DNA and RNA to nylon or nitrocellulose membranes for blots✓ Nicking of ethidium bomite stained DNA in agarose gels✓ RecA mutation screening✓ Elimination of PCR contamination✓ UV sterilisation✓ UV curing of polymers✓ Gene mapping for creating cleavage-inhibiting thymine dimers