BioLink DNA Crosslinker

Immobilisation of Nucleic Acids to Membranes

The BioLink DNA crosslinker is a microprocessor controlled UV irradiation system dedicated to nucleic acid linking to membranes for Southern, Northern, Dot and Slot Blot applications. It can also be used for UV sterilisation and for elimination of PCR contaminations.

- **Crosslinking of DNA and RNA to nylon or nitrocellulose membranes**
- **Microprocessor control provides precise UV dosis control**
- **Irradiation can be defined as Energy (Joules/cm²) or Time (seconds)**
- **Preset programs for nucleic acid immobilisation at 120 mJoule/cm²**
- **Safety interlock door with UV protection glass**

Microprocessor control provides reproducibility

The programmable microprocessor constantly monitors the UV light emission. The irradiation stops exactly when the programmed energy is achieved. Thus the effect of decreasing UV intensity due to bulb aging is compensated.

Durability

The BioLink DNA Crosslinker combines the latest UV technology with high quality manufacturing: UV exposure chamber in stainless steel, protective quartz disk on the UV sensor cell and a highly resistant keypad.

Ease of use

The large display providing a series of predefined methods makes the BioLink an easy to use but yet powerful instrument for immobilisation of nucleic acids to membranes. The programmed data are shown on the LED display.

Feature	Technical data
UV light	5 x 8 W 254 nm
UV irradiation energy	0 up to 99.99 J/cm²
Maximum time of exposure	999.9 min
Instrument dimensions (H x W x D, cm)	30.5 x 36 x 35
Chamber (inside) dimensions (H x W x D, cm)	14.5 x 26 x 33

Item	Order No.
BioLink Crosslinker, 245 nm UV, 230 V,	054-100
BioLink Crosslinker, 254 nm UV, 115 V,	054-190
UV tube, 8 Watt, 254 nm, 29 cm long	057-007