uvilink

ultraviolet crosslinker

- Programmable microprocessor control
- UV energy monitored automatically
- Compact footprint with large interior
- Observation window – UV blocking
- Membrane keypad operation
- Clear LED display
- Safety interlocked

Simple yet versatile

The UVIlink CL 508 Crosslinker is a fully microprocessor controlled unit especially designed to give the best possible results when binding nucleic acids to membranes. The correct ultraviolet dosage can be set using the membrane switch keypad, in either energy units (Joules) or time (seconds). There are nine possible presets for energy exposure and nine presets for time exposure as well as manual user selection in either units.

Superb quality results in less time

Ultraviolet crosslinking of DNA and RNA to nylon or nitrocellulose membranes is now well established as a laboratory technique and there is considerable published work on the topic. Time saved from UV crosslinking over the conventional vacuum oven baking method is considerable – seconds or minutes as opposed to hours.

Small and safe without compromising efficiency

UVIlink CL 508 provides a compact unit occupying minimum bench space with a footprint of only 350 x 350 mm and a spacious interior chamber of 270 x 300 x 140 mm. As with all UVItec products, safety is a major consideration so the CL508 door is safety interlocked against opening during operation and the observation window in the door is ultraviolet blocking.
The ultraviolet energy is continuously monitored by an accurate microprocessor controlled photo feedback system which compensates for variation in output from the UV sources. In this way consistency of operation and maximum efficiency are maintained.

Applications include:

- Fixing of nucleic acids to nylon or nitrocellulose membranes
- Southern or Northern blotting, dot blotting and colony or ple lifts
- Elimination or reduction of PCR contamination
- Nicking ethidium bromide stained DNA in agarose gels
- Gene mapping for creating cleavage inhibiting thymine dimers
- Screening RecA mutation
- Ultraviolet curing of polymers, adhesives and inks
- Ultraviolet sterilisation

Ordering

Model	Description	Wavelength (nm)
CL 508S	Crosslinker shortwave	254
CL 508M	Crosslinker midrange	312
CL 508L	Crosslinker longwave	365

uvicab

ultraviolet viewing cabinets

CV 415 cabinet

Professional unit for effective viewing with power intensity unequalled in this field.

Features

- Incorporates 4 x 15Watt UV tubes plus one 40Watt white light bulb
- Any single or dual wavelength combination of 254, 312 and 365nm wavelengths
- Easy control switch operation for each wavelength
- Versatile: simply change the tubes when a new wavelength is required
- Removable base panel enabling positioning above a standard transilluminator
- Viewing port with UV absorbing filter

Applications of CV cabinets

- Reading chromatograms (paper or TLC)
- Fluorescent analysis in Biology, Chemistry and Forensics
- Industrial and electronic quality control
- Can also be used for applications in Geology and Mineralogy

CV006 cabinet

An economic solution to laboratory inspection of fluorescent samples.

Features

- Compact, lightweight, versatile and efficient
- Can hold one or two UVIlite, 6W UV lamps
- Choose from 254, 312 or 365nm wavelength
- Strong, lightweight design with black curtain
- Viewing port with UV absorbing filter

Ordering

Model	Description	Tubes	nm	$\mu W/cm^2$
CV 415LL	cabinet, long wave	4 x 15W	365	2000
CV 415SS	cabinet, short wave	4 x 15W	254	1750
CV 415MM	cabinet, mid wave	4 x 15W	312	1800
CV 415 LM	cabinet, long/mid	2 x 15W 2 x 15W	365 312	1050 970
CV 415MS	cabinet, mid/short	2 x 15W 2 x 15W	312 254	970 900
CV 415LS	cabinet, short/long	2 x 15W 2 x 15W	254 365	1050 900
CV 015W	cabinet, white light	40W bulb white light		
CV006	mini cabinet, 1 or 2 6W lamps (not supplied)			

All versions of CV 415 fitted with 1 x 40Watt white light bulb