

UV Crosslinkers and UV Translinker

UV Crosslinkers

UV Crosslinkers assure consistent UV output for many uses including DNA bonding and UV curing. UV crosslinking is used for attaching nucleic acids to a membrane for example which takes seconds as compared to oven baking. The crosslinkers utilize a microprocessor to control and measure the dose of UV radiation.



CL-1000 Crosslinker is an exposure instrument which uses shortwave UV energy to bond DNA to a medium.

- Preset and manual controls for ultraviolet or time exposures
- Factory presettings deliver 120,000 microjoules or two minutes of exposure; maximum UV energy setting of 999,900 microjoules per cm²
- Microprocessor optimizes the use of energy while ensuring consistent, maximum energy efficiency and output
- Large LCD display
- Window on the door allows viewing of the process yet blocks UV radiation
- Five 8-watt ultraviolet tubes emit uniform overhead UV illumination

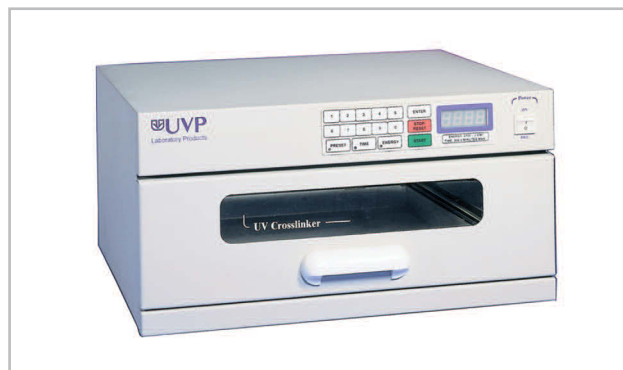
TL-2000 Translinker

TL-2000 Translinker combines the shortwave UV CL-1000 Crosslinker (specifications above) and the M-20 transilluminator. The transilluminator is built onto the crosslinker cabinet.

- On/Off controls for the transilluminator are located on the crosslinker panel
- The transilluminator uses midrange 302nm UV and a 20x20cm filter

TL-2000 Dimensions:

External: 13.7D x 19W x 12.75H in. (348 x 483 x 324mm)
 Internal: 12D x 10W x 5H in. (305 x 254 x 127mm)
 Weight: 36 lb (16.4 kg)



CX-2000 features a pull-out drawer and shortwave UV. The CX-2000 operates with the same functions as the CL-1000 Crosslinker.

CX-2000 Dimensions: Exterior: 15D x 17.5W x 9.75H in. (445 x 229 x 381mm); Interior: 11.3D x 11.4W x 3.6H in. (290 x 287 x 91mm)

CL-1000 Dimensions: Exterior: 13.7D x 15.6W x 8.75H in. (248 x 396 x 222mm); Interior: 12D x 10W x 5H in. (305 x 254 x 127mm)

Ordering Information

CL-1000 Crosslinker 254nm UV Replacement Tube	95-0174-01 (115V) 95-0174-02 (230V) 34-0007-01
CL-1000L Crosslinker 365nm UV Replacement Tube	95-0228-01 (115V) 95-0228-02 (230V) 34-0006-01
CL-1000M Crosslinker 302nm UV Replacement Tube	95-0230-01 (115V) 95-0230-02 (230V) 34-0042-01
CX-2000 Crosslinker 254nm UV Replacement Tube	95-0339-01 (115V) 95-0339-02 (230V) 34-0007-01
TL-2000 Translinker 254nm Crosslinker/ 302nm Transilluminator with Filter Size of 20x20cm Replacement Tube, 254nm Replacement Tube, 302nm	95-0300-01 (115V) 95-0300-02 (230V) 34-0007-01 34-0042-01



Translinker features a UV crosslinker and transilluminator.