## **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 cm<sup>2</sup>
- 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**

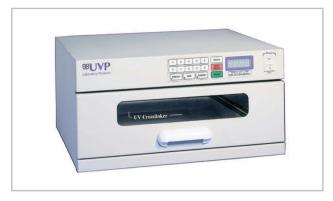
**TL-2000 Translinker** combines the shortwave UV CL-1000 Crosslinker (specifications above) and the M-20 transilluminator. The transilluminator is built onto the crosslinker cabinet.

- 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 x5H 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 95-0174-01 (115V) 95-0174-02 (230V) 254nm UV Replacement Tube 34-0007-01 **CL-1000L Crosslinker** 95-0228-01 (115V) 365nm LIV 95-0228-02 (230V) Replacement Tube 34-0006-01 CL-1000M Crosslinker 95-0230-01 (115V) 302nm UV 95-0230-02 (230V) Replacement Tube 34-0042-01 CX-2000 Crosslinker 95-0339-01 (115V) 95-0339-02 (230V) 254nm UV 34-0007-01 Replacement Tube TL-2000 Translinker 95-0300-01 (115V) 95-0300-02 (230V) 254nm Crosslinker/ 302nm Transilluminator with Filter Size of 20x20cm Replacement Tube, 254nm 34-0007-01 Replacement Tube, 302nm 34-0042-01



**Translinker** features a UV crosslinker and transilluminator.



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