

UV Crosslinkers and Translinker

UV Crosslinkers

UVP Crosslinkers assure consistent UV output for many applications including DNA bonding and UV curing. UV crosslinking for attaching nucleic acids to a membrane for example, 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 the DNA to a medium.

- Preset and manual controls for ultraviolet or time exposures
- Factory presettings deliver 120,000 microjoules or 5 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 LED display
- Window on the door allows viewing of the process yet blocks the UV radiation
- Five 8-watt ultraviolet tubes for uniform overhead ultraviolet illumination



Translinker An ultraviolet blocking cover is included with the transilluminator.



CX-2000 Features a pull-out drawer and shortwave UV. **CX-2000** operates with the same functions as the **CL-1000** with microprocessor controls.

CX-2000 Dimensions:

Exterior: 15D x 17.5W x 9H in. (445 x 229 x 381mm)
Interior: 11.25D x 11.5W in. (292 x 286mm)

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 Filter Size 20x20cm Replacement Tube, 254nm Replacement Tube, 302nm	95-0300-01 (115V) 95-0300-02 (230V) 34-0007-01 34-0042-01

TL-2000 Translinker

The TL-2000 Translinker components include the shortwave ultraviolet CL-1000 crosslinker and an M-20 transilluminator built onto the crosslinker cabinet.

- On/Off controls for the transilluminator are located on the Crosslinker panel
- The Transilluminator uses midrange 302nm UV

TL-2000 Dimensions:

13.7D x 19W x 8.75H in. (348 x 483 x 222mm)
Weight: 36 lb (16.4 kg)