

# UV Crosslinkers and UV Translinker

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## 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

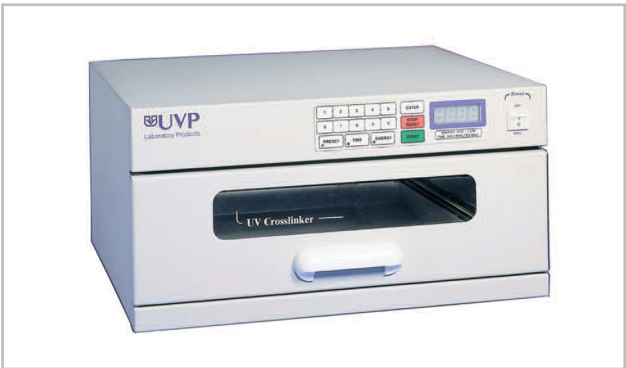
## TL-2000 Translinker

**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 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

<b>CL-1000 Crosslinker</b> 254nm UV Replacement Tube	95-0174-01 (115V) 95-0174-02 (230V) 34-0007-01
<b>CL-1000L Crosslinker</b> 365nm UV Replacement Tube	95-0228-01 (115V) 95-0228-02 (230V) 34-0006-01
<b>CL-1000M Crosslinker</b> 302nm UV Replacement Tube	95-0230-01 (115V) 95-0230-02 (230V) 34-0042-01
<b>CX-2000 Crosslinker</b> 254nm UV Replacement Tube	95-0339-01 (115V) 95-0339-02 (230V) 34-0007-01
<b>TL-2000 Translinker</b> 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.*





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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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