



Transilluminators

**Exciting New
VWR Collection
for Life
Sciences!**

Transilluminators provide brilliant back illumination of transparent materials that are placed on the filter area. The transilluminators provide a highly sensitive method to detect double-stranded nucleic acids that have been labeled with fluorescent dyes such as ethidium bromide or acridine orange. Single stranded nucleic acids may be detected, but with a lower excitation 302nm UV wavelength more sensitive for nucleic acid visualization than the 365nm model. The transilluminators are uniquely designed with increased UV intensity and uniformity, instant on capabilities, no lamp flicker and reduced electrical consumption.

The following models are available:

- UV Transilluminators
- Dual UV Transilluminators
- Variable Intensity UV Transilluminators
- White Light/UV Transilluminators
- White Light Transilluminators

UV Transilluminators and Dual UV Transilluminators

Compact **UV Transilluminators** offer a basic design with 302nm UV for illumination of stained gels and to increase the fluorescence. The 302nm is also referred to as 300nm or 312nm. The spectral output of all these regions is the same.

The **Dual UV Transilluminators** also supply 302nm UV plus 365nm UV for viewing gels for an extended time and reducing photonic damage.

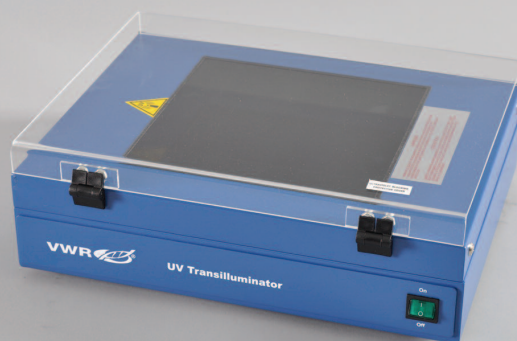
Three filter sizes are available: 20x20cm (7 7/8x7 7/8"), 21x26cm (8 1/4x10 1/4"), or 25x26cm (9 7/8x10 1/4").

Variable Intensity UV Transilluminators

These transilluminators are compact, provide 302nm UV and allow selection of variable intensity settings. Two filter sizes are available: 20x20cm (7 7/8x7 7/8") or 21x26cm (8 1/4x10 1/4").

High setting allows UV excitation of fluorophores on gels for routine photography. Also excites gels with low sample concentration. The mid intensity setting is excellent for viewing and quick single-band excision. The low setting is used for gel positioning, multiple band excision, and focusing for photography.

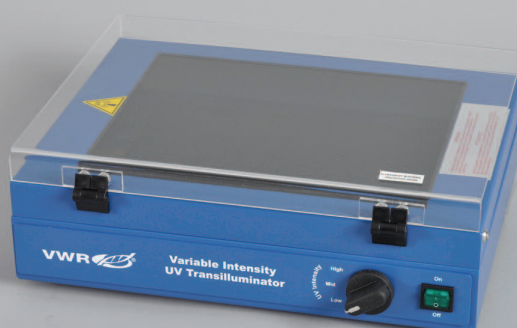
UV Transilluminator



Dual UV Transilluminator



Variable Intensity UV Transilluminator



White Light/UV Transilluminators

Large format **White/UV Transilluminators** supply 302nm UV and white light side by side. Each filter area measures 20x20cm (7 7/8x7 7/8"). The **White/Dual UV Transilluminators** offer 302nm and 365nm UV. These transilluminators enable researchers to maximize their space and application capabilities by viewing fluorescent gels on the UV side or viewing Coomassie blue or silver stained gels on the white light side. Easily switch between lighting with the easy access knob.

White Transilluminators

Compact **White Transilluminators** are used for viewing Coomassie blue or silver stained gels. Uniform white light diffusion enables viewing of autoradiographs, X-ray film, film positives, negatives, and microtiter plates. Plexiglass and glass filter combination are sealed into the unit for durability. The filter area measures 21x26cm (8 1/4x10 1/4").

Ordering Information

| Cat. No. | Model No. | Filter Size, cm (in.) | Electrical |
|--|-----------|-----------------------|------------|
| UV Transilluminators, 302nm UV | | | |
| 89131-440 | 20 | 20x20 (7 7/8x7 7/8) | 115V |
| 89131-442 | 20 | 20x20 (7 7/8x7 7/8) | 230V |
| 89131-444 | 26 | 21x26 (8 1/4x10 1/4) | 115V |
| 89131-446 | 26 | 21x26 (8 1/4x10 1/4) | 230V |
| 89131-448 | 26X | 25x26 (9 7/8x10 1/4) | 115V |
| 89131-450 | 26X | 25x26 (9 7/8x10 1/4) | 230V |
| Dual UV Transilluminators, 302/365nm UV | | | |
| 89131-464 | 20 | 20x20 (7 7/8x7 7/8) | 115V |
| 89131-466 | 20 | 20x20 (7 7/8x7 7/8) | 230V |
| 89131-468 | 26 | 21x26 (8 1/4x10 1/4) | 115V |
| 89131-470 | 26 | 21x26 (8 1/4x10 1/4) | 230V |
| Variable Intensity UV Transilluminators, 302nm UV | | | |
| 89131-452 | 20 | 20x20 (7 7/8x7 7/8) | 115V |
| 89131-454 | 20 | 20x20 (7 7/8x7 7/8) | 230V |
| 89131-456 | 26 | 21x26 (8 1/4x10 1/4) | 115V |
| 89131-458 | 26 | 21x26 (8 1/4x10 1/4) | 230V |
| 89131-460 | 26XV | 25x26 (9 7/8x10 1/4) | 115V |
| 89131-462 | 26XV | 25x26 (9 7/8x10 1/4) | 230V |
| White Light/UV Transilluminators, 302nm UV | | | |
| 89131-476 | — | 20x20 (7 7/8x7 7/8) | 115V |
| 89131-478 | — | 20x20 (7 7/8x7 7/8) | 230V |
| White Light/Dual UV Transilluminators, 302/365nm UV | | | |
| 89131-480 | — | 20x20 (7 7/8x7 7/8) | 115V |
| 89131-482 | — | 20x20 (7 7/8x7 7/8) | 230V |
| White Light Transilluminators | | | |
| 89131-472 | — | 21x26 (8 1/4x10 1/4) | 115V |
| 89131-474 | — | 21x26 (8 1/4x10 1/4) | 230V |

Specifications subject to change without notice.



All transilluminators use 8-watt tubes. Housings are painted a high-quality, scratch resistant power coat. All UV models are equipped with an UV blocking cover to shield the user from ultraviolet. A Gel Cutter is included with each UV model. Each transilluminator carries a two year warranty.

Dimensions:

UV Transilluminators, Dual UV Transilluminators and Variable Intensity UV Transilluminators:
35.6W x 28D x 13.7H cm (11 x 14 x 5 3/8")
Height includes UV blocking cover.

White Light/UV Transilluminators:
48.6W x 33.7D x 14.3H cm (19 1/8 x 13 1/4 x 5 5/8")
Height includes UV blocking cover.

White Light Transilluminators:
33.7W x 24.1D x 10.8H cm (13 1/4 x 9 1/2 x 4 1/4")

Accessories:

| Description | Cat. No. |
|--|-----------|
| Gel-Ruler, fluorescent with cm markings | 74690-026 |
| Gel-Scooper, for transferring gels | 21475-522 |
| Gel-Tray, protects transilluminator filter | 82020-766 |



1.800.932.5000

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