

All UVP transilluminators provide UV back-illumination of transparent fluorescent materials over the full working surface of the filter area. Transilluminators are equipped with an ultraviolet blocking cover to shield the user from UV radiation. The base is painted with a high-quality, scratch-resistant powder coat.

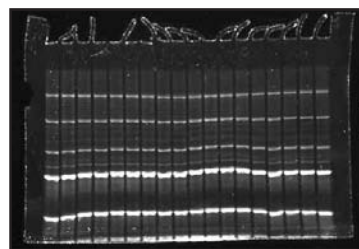
FirstLight™ Uniform UV Illuminator

The FirstLight UV Illuminator represents a unique highly uniform UV excitation source for quantitative fluorescent imaging in a wide range of genomic and proteomic applications. The FirstLight wins the **Photonics Circle of Excellence Award** for new technically innovative product!



- Produces <5% coefficient of variance (CV) across the full filter area
- Exceptionally uniform, edge-to-edge illumination
- Accurate gel to gel comparison
- Uniformity ensures consistent illumination over the imaging surface resulting in high quality images
- Applications range from DNA and protein gel documentation and analysis to In-Vivo imaging.

Achieve accurate and reproducible RNA and DNA protein results! The illuminator emits 302nm UV excitation and combined with a patented phosphor coating configuration generates exceptionally uniform UV illumination. Each gel receives consistent UV illumination over each band and lane. Multiple gels may be placed on the surface with assurance of uniformity for each gel.



Dimensions: 11D x 14W x 5.63H in. (279 x 356 x 143mm)
Height includes UV blocking cover

FirstLight UV Illuminator the unique design (patent pending) provides uniform UV illumination, which is critical for accurate quantitative analysis.

Ordering Information	
FI-26X , 302nm UV Filter Size 25 x 26cm	95-0364-01 (115V) 95-0364-02 (230V)
FI-20 , 302nm UV Filter Size 20 x 20cm	95-0365-01 (115V) 95-0365-02 (230V)
FI-26 , 302nm UV Filter Size 21 x 26cm	95-0366-01 (115V) 95-0366-02 (230V)

Benchtop UV Transilluminator

3UV™ Benchtop

UVP's patented 3UV Benchtop Transilluminator allows selection of longwave, midrange or shortwave in one compact unit.

- View gels using longwave UV for extended periods of time reducing photonicking damage
- Switch to midrange to increase the fluorescence for photodocumentation
- Use shortwave to irradiate samples
- Benchtop models are an alternative to larger 25-watt High Performance UV Transilluminators
- A variety of filter sizes are available
- Transilluminator top is manufactured with a stainless steel filter assembly

FirstLight and 3UV models are exclusive designs only from UVP!



3UV Benchtop allows researchers to switch between 254, 302 or 365nm ultraviolet wavelengths in one unit. Patented design only from UVP.

Dimensions: 11D x 14W x 5H in. (279 x 356 x 143mm)
Height includes UV blocking cover Weight: 17 lb. (7.7kg)

Replacement Tubes	
Tube, 8-watt, 254nm	34-0007-01
Tube, 8-watt, 302nm	34-0042-01
Tube, 8-watt, 365nm	34-0006-01

Ordering Information	
LMS-20E 3UV 254/302/365nm UV Filter Size 20 x 20cm Replacement Filter	95-0220-01 (115V) 95-0220-02 (230V) 38-0313-01
LMS-26E 3UV 254/302/365nm UV Filter Size 21 x 26cm Replacement Filter	95-0224-01 (115V) 95-0224-02 (230V) 38-0313-02

2UV™ Benchtop Transilluminators



- A single intensity setting and 8-watt 302/365nm ultraviolet tubes are standard
- Select from 20x20 or 21x26cm filter areas

Single UV and High/Low Intensity Benchtop Models

Economical, small benchtop transilluminators are equipped with 8-watt, 302nm tubes.

- The Low setting reduces photonicking of gel samples during prep work
- The High setting may be used in analytical documentation work

Ordering Information	
M-15E Single Intensity Filter Size 15 x 15cm Replacement Filter	95-0218-01 (115V) 95-0218-02 (230V) 38-0161-03
M-15 Hi/Lo Intensity Filter Size 15 x 15cm Replacement Filter	95-0219-01 (115V) 95-0219-02 (230V) 38-0161-03
M-20E Single Intensity Filter Size 20 x 20cm Replacement Filter	95-0210-01 (115V) 95-0210-02 (230V) 38-0161-01
M-20 Hi/Lo Intensity Filter Size 20 x 20cm Replacement Filter	95-0216-01 (115V) 95-0216-02 (230V) 38-0161-01
M-26E Single Intensity Filter Size 21 x 26cm Replacement Filter	95-0221-01 (115V) 95-0221-02 (230V) 38-0161-02
M-26 Hi/Lo Intensity Filter Size 21 x 26cm Replacement Filter	95-0222-01 (115V) 95-0222-02 (230V) 38-0161-02

Certifications: All 115V models US/C Entela certified and 230V CE certified except where noted.

Ordering Information	
M-10E Single Intensity Filter Size 10 x 10cm Tube, 6-watt, 302nm Replacement Filter	95-0180-01 (115V) 95-0180-02 (230V) 34-0044-01 38-0150-01

The 2UV models allow users to switch between 302nm and 365nm UV wavelengths in one unit.

Ordering Information	
LM-20E 2UV 302/365nm UV Filter Size 20 x 20cm Replacement Filter	95-0212-01 (115V) 95-0212-02 (230V) 38-0161-01
LM-26E 2UV 302/365nm UV Filter Size 21 x 26cm Replacement Filter	95-0223-01 (115V) 95-0223-02 (230V) 38-0161-02

Dimensions: 9.5D x 13.25W x 4.75H in. (241 x 337 x 121mm) Height includes UV blocking cover.
Weight: 15 lb. (6.8 kg)



Hi/Lo Intensity Models offer a variety of filter sizes and intensity settings.

Dimensions: 9.5D x 13.25W x 4.75H in. (241 x 337 x 121mm) Height includes UV blocking cover.
Weight: 15 lb. (6.8 kg)

Replacement Tubes	
Tube, 8-watt, 254nm	34-0007-01
Tube, 8-watt, 302nm	34-0042-01
Tube, 8-watt, 365nm	34-0006-01

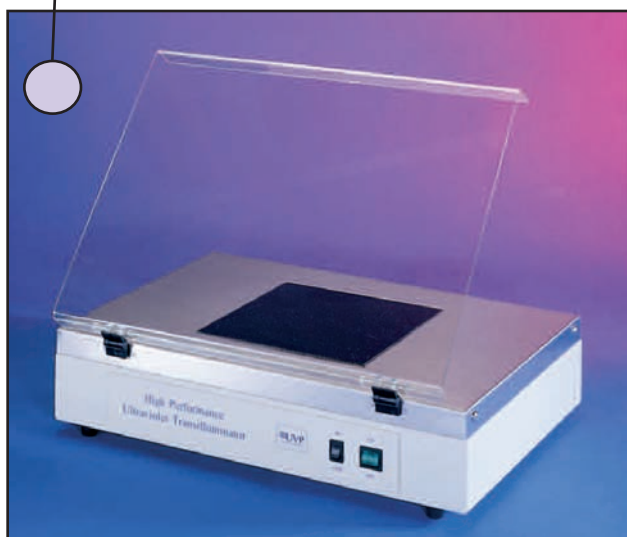
Mini Benchtop Transilluminator



The Mini Benchtop (M-10E) economy transilluminator uses 6-watt, 302nm tubes. This is an excellent model for educational purposes.

Dimensions: 7.25D x 10.25W x 4.5H in. (184 x 260 x 114mm) Height includes UV blocking cover.
Weight: 7.7 lb. (3.5 kg)

High Performance UV Transilluminators



High Performance Transilluminators
The hinged cover is adjustable to different angles.

The exclusive 25-watt ultraviolet tubes provide a total of 100-watts of high intensity performance and brilliant ultraviolet illumination.

- Select from shortwave (254nm), midrange (302nm) or longwave (365nm) UV for high fluorescence and sensitivity on stained gels
- Stainless steel frame enables easy cleaning
- Brilliant back-lit UV fluorescence illumination is enhanced with UVP's UVG long-life filter
- The transilluminator's powerful cooling fan maintains a low filter surface temperature to prevent sample damage and maintain a constant UV intensity
- Removable and adjustable protective UV blocking cover is included with each transilluminator
- Models with hi/lo intensity settings enable the researcher to switch settings depending on research requirements

Dimensions:
13.25"D x 19.13"W x 5.63"H (337 x 486 x 143mm)
Height includes UV blocking cover.
Weight: 21 lb. (9.6 kg)

Replacement Tubes

Tube, 25-watt, 254nm	34-0073-01
Tube, 25-watt, 302nm	34-0072-01
Tube, 25-watt, 365nm	34-0060-01

2UV High Performance Transilluminators

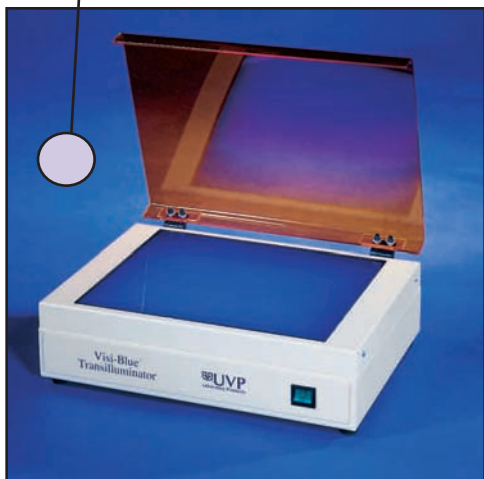
2UV models are the same size and design as other high performance models but are equipped with midrange (302nm) and longwave (365nm) UV in each unit.

Ordering Information

TFML-26E Single Intensity 302/365nm UV Filter Size 21 x 26cm Replacement Filter	95-0308-01 (115V) 95-0308-02 (230V) 38-0190-09
TFML-40E Single Intensity 302/365nm UV Filter Size 20 x 40cm Replacement Filter	95-0309-01 (115V) 95-0309-02 (230V) 38-0190-04
TFML-20E Single Intensity 302/365nm UV Filter Size 20 x 20cm Replacement Filter	95-0323-01 (115V) 95-0323-02 (230V) 38-0190-02
TFML-30E Single Intensity 302/365nm UV Filter Size 25 x 30cm Replacement Filter	95-0324-01 (115V) 95-0324-02 (230V) 38-0190-12

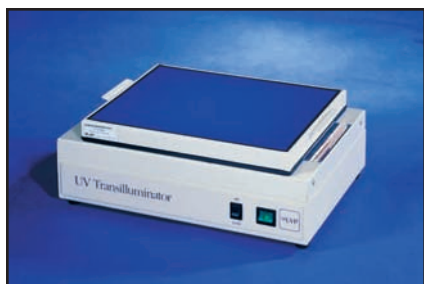
Ordering Information	
TFM-20 Hi/Lo Intensity 302nm UV Filter Size 20 x 20cm Replacement Filter	95-0286-01 (115V) 95-0286-02 (230V) 38-0190-02
TFM-26 Hi/Lo Intensity 302nm UV Filter Size 21 x 26cm Replacement Filter	95-0285-01 (115V) 95-0285-02 (230V) 38-0190-09
TFM-30 Hi/Lo Intensity 302nm UV Filter Size 25 x 30cm Replacement Filter	95-0302-01 (115V) 95-0302-02 (230V) 38-0190-11
TFM-40 Hi/Lo Intensity 302nm Filter Size 20 x 40cm Replacement Filter	95-0283-04 (115V) 95-0283-05 (230V) 38-0190-04
TFL-40 Hi/Lo Intensity 365nm Filter Size 20 x 40cm Replacement Filter	95-0283-01 (115V) 95-0283-02 (230V) 38-0190-10
TFS-20 Hi/Lo Intensity 254nm UV Filter Size 20 x 20cm Replacement Filter	95-0319-01 (115V) 95-0319-02 (230V) 38-0190-02
TFS-26 Hi/Lo Intensity 254nm UV Filter Size 21 x 26cm Replacement Filter	95-0320-01 (115V) 95-0320-02 (230V) 38-0190-09
TFS-30 Hi/Lo Intensity 254nm UV Filter Size 25 x 30cm Replacement Filter	95-0321-01 (115V) 95-0321-02 (230V) 38-0190-11
TFS-40 Hi/Lo Intensity 254nm UV Filter Size 20 x 40cm Replacement Filter	95-0322-01 (115V) 95-0322-02 (230V) 38-0190-04

Visi-Blue™ Transilluminators and Converter Plates



Visi-Blue Transilluminator patented design converts UV light to 460-470nm.

Dimensions: Heights include UV blocking cover
VB-26 9.5"D x 13.25"W x 4.75"H (241 x 337 x 121mm)
 Weight: 15 lb. (6.8 kg)
VB-40 13.25"D x 19.13"W x 5.64"H (337x486 x143mm) Weight: 21 lb. (9.6 kg)



Visi-Blue Converter Plate Scratch resistant glass surface is safety fused into metal frame.

Visi-Blue transilluminators and converter plates are excellent for use with blue 460-470nm excitation samples and SYBR Green, SYPRO Orange and GFP stains.

- Visi-Blue transilluminators and converter plates minimize photonicking of DNA samples
- The amber protective cover blocks blue light transmission, allows visualization of most samples above 500nm
- **VB-26** is a compact 8-watt model while the **VB-40** is a 25-watt model

Ordering Information

VB-26 8-watt Wavelength Peak 480nm Filter Size 21 x 26cm Replace. Tube, 365nm BLB Replacement Filter	95-0326-01 (115V) 95-0326-02 (230V) 34-0056-01 38-0165-01
VB-40 25-watt Wavelength Peak 480nm Filter Size 20 x 40cm Replace. Tube, 365nm BLB Replacement Filter	95-0327-01 (115V) 95-0327-02 (230V) 34-0060-01 38-0215-01

Visi-Blue Converter Plates

38-0200-01	21 x 26cm
38-0200-02	20 x 40cm
38-0200-04	25 x 26cm

Place the Visi-Blue Converter Plate on top of a transilluminator equipped with midrange (302nm) UV to convert the UV to 460-470nm blue light for use with various stains including SYBR Green, SYPRO Orange and GFP stains.

White/UV Transilluminators

These transilluminators have 20 x 20cm white light and UV filter areas side by side.

Ordering Information	
TLW-20 8-watt 365nm UV/White Filter Size 20 x 20cm Replacement Filter	95-0171-01 (115V) 95-0171-02 (230V) 38-0189-08
TMW-20 8-watt 302nm UV/White Filter Size 20 x 20cm Replacement Filter	95-0171-04 (115V) 95-0171-05 (230V) 38-0189-05
LMW-20 8-watt 365/302nm UV/White Filter Size 20 x 20cm Replacement Filter	95-0225-01 (115V) 95-0225-02 (230V) 38-0189-05
Replacement Tube, White	34-0056-01
Replacement Tube, 365nm	34-0006-01
Replacement Tube, 302nm	34-0042-01

Dimensions: (Heights include UV blocking cover) 13.25D x 19.13W x 5.64H in. (337 x 486 x 143mm) Weight: 21 lb.



White/UV Transilluminator Easily switch between the UV and white light sources.

- White light can be used for viewing coomassie blue stained gels, silver stained protein gels, autoradiographs and microtiter plates
- The UV side can be used for viewing ethidium bromide gels

White Light Transilluminators and Converter Plates

White Light Transilluminators offer uniform light diffusion for autoradiographs, negatives, X-ray film, film positives, microtiter plates and gels.

- Plexiglass and glass surfaces are double-safety sealed into the unit for durability, providing a scratch and chemical resistant work area

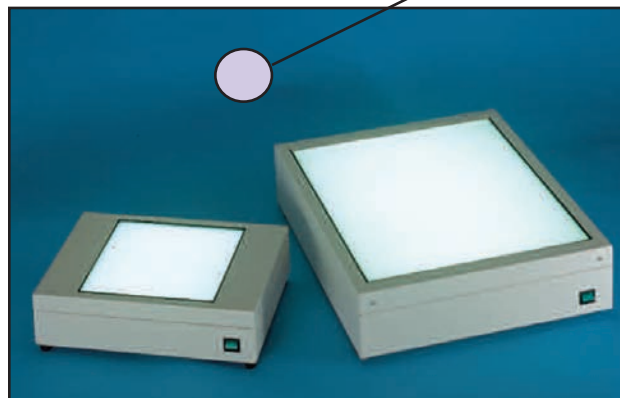
Ordering Information

TW-26 8-watt White Filter Size 21 x 26cm Replacement Tube Replacement Filter	95-0208-01 (115V) 95-0208-02 (230V) 34-0056-01 38-0161-04
TW-43 14-watt White Filter Size 36 x 43cm Replacement Tube Replacement Filter	95-0214-01 (115V) 95-0214-02 (230V) 34-0059-01 38-0165-01

UV to White Light Converter Plates	38-0191-01 21 x 26cm 38-0191-02 20 x 40cm 38-0191-04 25 x 26cm
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A specially designed plate converts a transilluminator's UV radiation to white light for viewing protein gels, coomassie blue stained or silver stained media.

- The Converter Plate's uniquely phosphored glass assembly (patent pending) converts the UV radiation via a white diffuser
- Handles are situated on two sides of the plate for easy handling



White Light Transilluminators are available with work surface areas of 21 x 26cm or 36 x 43cm.

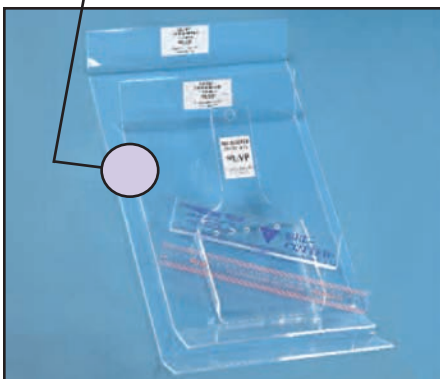
Dimensions:

- TW-26** 9.5D x 13.25W x 4.25H in. (241x337x108mm)
Weight: 8 lb. (3.8 kg)
- TW-43** 19.1D x 16W x 4.25H in. (486x406x108mm)
Weight: 19 lb. (8.6 kg)



UV to White Light Converter Plates

Gel Tools



Gel-Tools:
Gel-Trays
Gel-Scooper
Gel-Cutter
Gel-Ruler

Gel-Tools are useful for researchers working with transilluminators and gel documentation systems.

Ordering Information

Gel-Cutter	85-0002-01
Gel-Ruler	85-0003-01
Gel-Scooper	85-0006-01
Gel-Tray, Small	85-0007-01
Gel-Tray, Large	85-0005-01

- The **Gel-Cutter's** edge allows for easy cutting and removal of gel material
- **Gel-Scooper**, made of strong acrylic with a beveled edge, is designed for easy transfer of gels from electrophoresis equipment to viewing equipment
- **Gel-Trays** are made of UV transmitting plexiglass and can be used for moving gels to the transilluminator. The tray protects the transilluminator's filter surface from scratches. Side panels on the Gel-Tray, angled at a 45 degree bend, extend upward from the tray surface for easy handling. Two sizes available
- The **Gel-Ruler** has centimeter markings that fluoresce under 365nm and 302nm ultraviolet wavelengths, providing reference marks for DNA analysis

Dimensions:

- Gel-Cutter: 20cm L
- Gel-Ruler: 25cm L
- Gel-Scooper: 5W x 12L in. (12.7 x 30.5cm)
- Gel-Tray, Small: 11.5W x 9D in. (29 x 23cm)
- Gel-Tray, Large: 16.5 x 10.5D in. (42 x 27cm)