

## ultraviolet transilluminators

For the optimum visualisation of agarose or polyacrylamide gels, UVIttec offers what is probably the widest available range of ultraviolet transilluminators. The 'mini' range takes 8W tubes and can have filter sizes up to 21 x 26cm. With the standard sized range, filter sizes up to 20 x 40cm are possible. All models are of superb quality with stainless steel filter frames, longlife filters and highly polished 'ondulex' reflectors for ultimate efficiency. An adjustable UV blocking cover is included to protect the user from harmful UV. The range now includes electronic ballast technology as standard with the exception of the dual wavelength and the white light models. This new technology reduces flicker, provides instant switch on and allows dual intensity to be a standard feature.

### Extensive range

There are more than 30 models in the entire UVIttec range, including two sizes of unit (mini and standard), five sizes of viewing filter and three different wavelength ranges. Mini units (BXT, BTS) have a small footprint of 34 x 26cm while standard units (SXT, STS) have a footprint of 47 x 33cm. Filter sizes of 15 x 15cm, 20 x 20cm and 21 x 26cm are available for mini units while standard unit filters can be up to 20 x 40cm. Wavelength ranges of maximum 254nm, 312nm and 365nm are available as well as dual wavelength and white light models.

- Widest range available
- Superb quality
- Electronic ballast now as standard (exception of dual wavelength & white light)
- Stainless steel filter frames and longlife filters
- Dual wavelength combinations
- Adjustable UV blocking cover



### Highest performance

The highly polished 'ondulex' reflectors positioned behind the UV tubes give the highest possible efficiency of UV output, superior to that achieved by plain aluminium. The filter material is also chosen for maximum transmission of the chosen wavelength range as well as long life usage (unlimited at 365 and 312nm, up to 3000 hours at 254nm).

### Designed for rough treatment

The high quality, stainless steel filter frame is resistant to chemicals and scratching. The epoxy painted body is also chemical resistant and the unit design eliminates leakage of liquids into the interior.

### Facilitates gel handling

The transfer and positioning of wet gels onto the transilluminator surface is facilitated by the smooth, scratch resistant stainless steel filter frame and the highly polished filter surface.



The angle-adjustable UV blocking cover offers hands-free protection to users from the harmful UV rays.

### Space saving

The mini units offer efficient, high-powered UV illumination of gels and blots up to 21 x 26cm in size, while having a footprint of only 34 x 26cm. What is more, the mini sized dual wavelength models allow illumination in two different wavelengths from a single compact unit. A dual UV/white light model is also available for illumination of fluorescent and visible gels of up to 20 x 20cm.

## ultravue transilluminator



The use of special filter material in the Ultravue transilluminator greatly enhances contrast, making fluorescent bands easier to see both by eye and with documentation systems such as UVIsave, UVIdoc and UVIpro.

The special filter eliminates visible light output thereby reducing the need for filtering to isolate the fluorescent band signal.

### Enhanced viewing with ethidium and sybr® stains

Gels stained both with ethidium bromide and with sybr® green are viewed by eye more easily on the Ultravue transilluminator. Since background light is eliminated, no filtering is required, and no signal is lost. The dark, uniform filter surface provides a high contrast background enabling viewing of even the faintest bands.

### Enhanced documentation

The absence of visible background light and minimal IR output from the Ultravue transilluminator enable broad transmission camera filters to be used. This ensures that maximum transmission of the fluorescent signal is always achieved. For sybr® green documentation, Ultravue is preferable to visible (blue light) illumination in which a large part of the signal is always lost while filtering out the blue background light.

## Ordering

### Ultravue Transilluminator

Model No.	Description	Filter (cm)	Tube	Wavelength (nm)
UTX 20M	Hi/Lo intensity	20 x 20	6 x 8W	312

### UVIvue Transilluminators (standard size)

SXT 20S	Hi/Lo intensity	20 x 20	6 x 15W	254
SXT 20M	Hi/Lo intensity	20 x 20	6 x 15W	312
SXT 26S	Hi/Lo intensity	21 x 26	6 x 15W	254
SXT 26M	Hi/Lo intensity	21 x 26	6 x 15W	312
SXT 35S	Hi/Lo intensity	20 x 35	6 x 15W	254
SXT 35M	Hi/Lo intensity	20 x 35	6 x 15W	312
SXT 35L	Hi/Lo intensity	20 x 35	6 x 15W	365
SXT 40S	Hi/Lo intensity	20 x 40	6 x 15W	254
SXT 40M	Hi/Lo intensity	20 x 40	6 x 15W	312

STS 20WL	Single intensity, dual wavelength	20 x 20	6 x 8W 2 x 8W	365 white light
STS 20WS	Single intensity, dual wavelength	20 x 20	6 x 8W 2 x 8W	254 white light
STS 20WM	Single intensity, dual wavelength	20 x 20	6 x 8W 2 x 8W	312 white light
STS 35W	Single intensity	20 x 35	4 x 8W	white light

### UVIvue Transilluminators (mini size)

BXT 15S	Hi/Lo intensity	15 x 15	4 x 8W	254
BXT 15M	Hi/Lo intensity	15 x 15	4 x 8W	312
BXT 15L	Hi/Lo intensity	15 x 15	4 x 8W	365
BTS 20W	Single intensity	20 x 20	2 x 8W	white light
BXT 20S	Hi/Lo intensity	20 x 20	6 x 8W	254
BXT 20M	Hi/Lo intensity	20 x 20	6 x 8W	312
BXT 20L	Hi/Lo intensity	20 x 20	6 x 8W	365
BXT 26S	Hi/Lo intensity	21 x 26	6 x 8W	254
BXT 26M	Hi/Lo intensity	21 x 26	6 x 8W	312
BTS 20LM	Single intensity, dual wavelength	20 x 20	6 x 8W 5 x 8W	365 312
BTS 20MS	Single intensity, dual wavelength	20 x 20	6 x 8W 5 x 8W	312 254
BTS 20LS	Single intensity, dual wavelength	20 x 20	6 x 8W 5 x 8W	365 254
BTS 26LM	Single intensity, dual wavelength	21 x 26	6 x 8W 5 x 8W	365 312
BTS 26MS	Single intensity, dual wavelength	21 x 26	6 x 8W 5 x 8W	312 254
BTS 26LS	Single intensity, dual wavelength	21 x 26	6 x 8W 5 x 8W	365 254