TRANSILLUMINATORS

UVIPURE

Enhanced viewing & documentation

The use of special filter material in the UVIpure transilluminator greatly enhances contrast, making fluorescent bands easier to see with the naked eye or imaging systems. The special filter eliminates visible light which reduces the need for filtering to isolate the fluorescent band signal.

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

The absence of visible background light and minimal IR output from the UVIpure transilluminator enable broad transmission camera filters to be used. This ensures that maximum transmission of the fluorescent signal is always achieved.

Ordering

Model No.	Description	Filter (cm)	Tube & wavelength (nm)
BXT-F26.MX	Hi/Lo intensity	26x21	6 x 8W – 302nm
BXT-F26.LMX	Hi/Lo intensity	26x21	6 x 8W – 365nm 5 x 8W – 302nm

UVIBLUE

The non-UV transilluminator

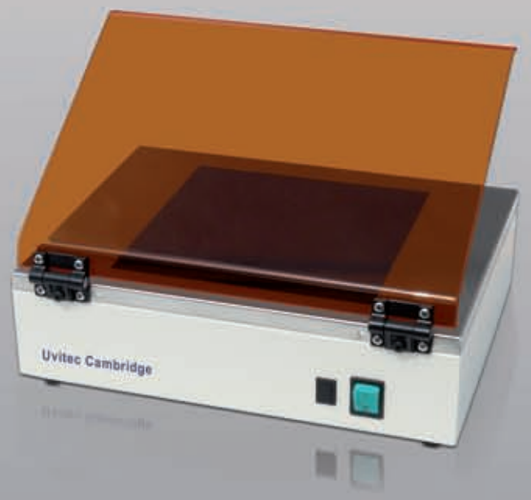
To eliminate the damage caused by ultra violet light to DNA and RNA gels we are pleased to introduce our new UVIblue transilluminator.
During the purification of DNA and RNA from gels, Ultra – violet light can induce both nicking and crosslinking. Use of the new Uviblue transilluminator eradicates this problem and thus greatly improves the efficiency of this process.

The UVIblue has been designed in order to give the best image possible. There are almost 300 LEDs arranged to give a consistent intensity across the table. We incorporate the highest standard of LED available to give unprecedented light uniformity. The Light Emitting Devices also conform to the highest environmental standards.
The intense blue light emitted is doubly enhanced by use of a narrow excitation filter giving an excitation peak at 470 nm. This allows the excitation light to be separated from the emission light to give the clarity of image our customers expect from Uvitec.

UVIblue technology is ideal for Sybr Safe®, Gel-Red®, Sypro Ruby®, Gel-Star®, Sypro Orange®, Sybr Gold®, Sybr Green® I & II and eGFP®, amongst others.

Ordering

Model No.	Filter (cm)	Light device
BXT-F20.Blue	20x20	Filtered blue LED technology



UVIVUE

Extensive range

For optimum visualisation of agarose or polyacrylamide gels UVItec 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 size range filters with dimensions up to 25 x 35cm are possible. All are high quality models with stainless steel filter frames, long life filters and highly polished 'ondulex' reflectors for ultimate efficiency.

An adjustable UV blocking cover is included to protect the user from harmful UV. This new technology reduces flicker, provides instant switch-on and allows dual intensity to be a standard feature.

High quality, stainless steel filter frame is resistant to chemicals and scratching. The epoxy painted body is resistant to chemicals too and the unit design prevents liquids from leaking into the interior.

Transfer and positioning of wet gels on the transilluminator surface is facilitated by the smooth, scratch-resistant stainless steel filter frame and the highly polished filter surface.
Angle-adjustable UV blocking cover offers users hands-free protection from harmful UV rays.

Ordering – 8 watt transilluminator

Model No.	Description	Filter (cm)	Tube & wavelength (nm)
BXT-F26.M	Hi/Lo intensity	26x21	6 x 8W – 302nm
BXT-F20.M	Hi/Lo intensity	20x20	6 x 8W – 302nm
BXT-F15.M	Hi/Lo intensity	15x15	6 x 8W – 302nm
BXT-F26.S	Hi/Lo intensity	26x21	6 x 8W – 254nm
BXT-F26.L	Hi/Lo intensity	26x21	6 x 8W – 365nm
BTS-20.W	Hi/Lo intensity	20x20	6 x 8W – White light

Ordering – 2 wavelengths transilluminator

Model No.	Description	Filter (cm)	Tube & wavelength (nm)
BTS-26.LM	Hi/Lo intensity	26x21	6 x 8W – 365nm 6 x 8W – 302nm
BTS-20.LM	Hi/Lo intensity	20x20	6 x 8W – 365nm 6 x 8W – 302nm
BTS-26.LS	Hi/Lo intensity	26x21	6 x 8W – 365nm 6 x 8W – 254nm

Ordering – 15 watt transilluminator

Model No.	Description	Filter (cm)	Tube & wavelength (nm)
SXT-F36.M	Hi/Lo intensity	25x35	6 x 15W – 302nm
SXT-F26.M	Hi/Lo intensity	26x21	6 x 15W – 302nm
SXT-F20.M	Hi/Lo intensity	20x20	6 x 15W – 302nm

Ordering – UV / white light transilluminator

Model No.	Description	Filter (cm)	Tube & wavelength (nm)
STS-20 W/M	Single intensity	20x20 UV & 20x20 white light	2 x 8W – white light 6 x 8W – 302nm
STS-20 W/S	Single intensity	20x20 UV & 20x20 white light	2 x 8W– white light 6 x 8W – 254nm
STS-20 W/L	Single intensity	20x20 UV & 20x20 white light	2 x 8W – white light 6 x 8W– 365nm