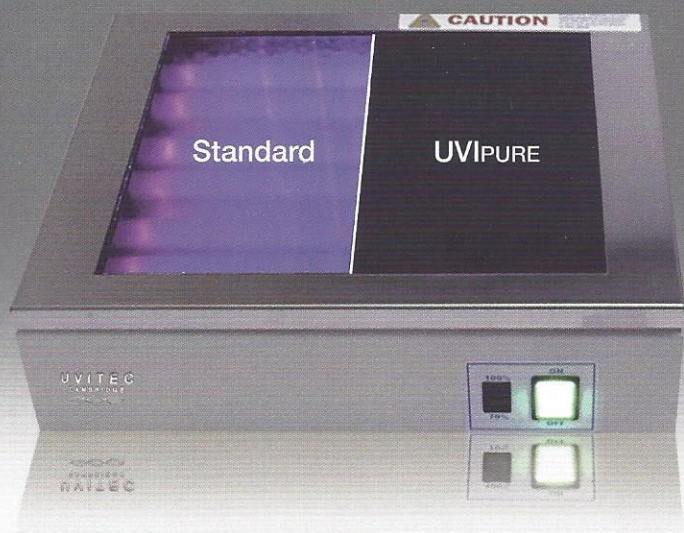


TRANSILLUMINATORS



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 – 312nm
BXT-F26.LMX	Hi intensity	26x21	6 x 8W – 365nm 5 x 8W – 312nm

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 UVibblue transilluminator.

During the purification of DNA and RNA from gels, Ultra – violet light can induce both nicking and crosslinking. Use of the new Uvibblue transilluminator eradicates this problem and thus greatly improves the efficiency of this process.

The UVibblue 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.

UVibblue technology is ideal for Sybr Safe®, Gel-Green®, 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

