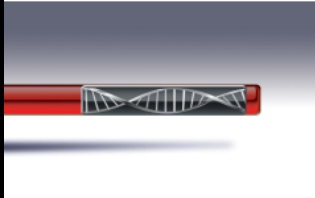


UVIpure technology

Advanced multi-applications transilluminator

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



UVIpure transilluminator technology: the UV tubes are not visible:



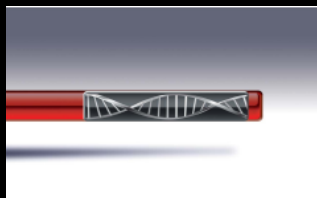
Standard transilluminator: the UV tubes creates a background light and overlaps the sample emission light:



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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.

***THE* multi-applications transilluminator**

In addition to ethidium bromide, the UVIpure transilluminator works with an extended range of dyes including SYBR Green[®], SYBR Safe[®], SYBR Gold[®], Sypro Orange[®], Sypro Ruby[®], Gel Star[®], ...

As the UVIpure stops all the visible light emitted by the UV tubes, the sample light is then far-off the fluorescent excitation light which makes the UVIpure ideal to cover a wide range of applications.

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