UV Transilluminator
Dual Wavelength (Large)

Brand- BioGenix®

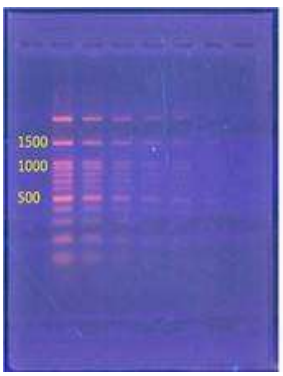
Description

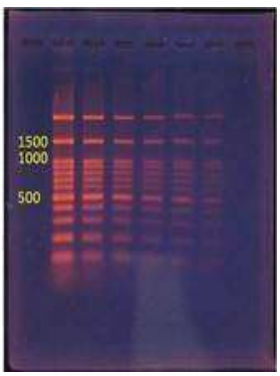
BioGenix Systems UV Transilluminators have innovate special black glass that blocks all visible light and allows only UV light to pass through, which helps reduce background illumination from visible light (Figure 1). The use of the special glass makes the UV transilluminators appear as if it is not working when turned on as researcher's are expecting to see the purple glow typically associated with older models. It must be used by specialized personnel that know the health risks associated with UV radiation and with the reagents that are normally used with this instrument. The UV-blocking screen provides UV protection. However, it does not guarantee complete protection. It is designed to shield the person working at the UV transilluminator only. The use of protective eyeglasses, mask, and gloves is strongly recommended when operating or when in the vicinity of the transilluminator with the UV lights turned on.

Features

- Uniform lighting design, Ultra High Contrast!
- Ultra Safe UV blocking: block 99.99% UV transmittance
- Strong metal frame design (NO breakage of UV shield)
- UV lamps turn on quickly
- Dual UV wavelengths: 302nm and 365nm
- Adjustable intensity: from 100% down to 50%

UV light source of a conventional device (left) and the UV Transillluminator (right)





Agarose gel with different concentrations of a DNA standard.
Left: conventional UV transilluminator;
Right: UltraBright® UV Transillluminator

Technical Specification

Model	BIOGENIX
Dimensions (mm)	280D x 340W x 80H
Viewing surface (mm):	210D x 260W
Wavelength (nm):	302 and 365
UV blocking	UV blocking shield with metal frame
Power	: 100~240V, 50/60Hz
UV tubes	11 x T5 8W (365nm x 6 & 302nm x 5)
Weight (Kg):	4.3

INSTALLATION

Carefully unpack the transilluminator and the shield as follow:

- First remove the bubble material at the top.
- Remove the transilluminator from the two bubble material shells and place it on a stable, horizontal surface.
- Remove the plastic protection film from the UV black glass filter.

Front panel

- High/Low: Intensity adjustment (100% & 50%)
- 302/365 nm: Selection of UV lamp wavelength
- PWR off: central position of the wavelength switch

- AC input: 100~240 V; 50/60 Hz power source
- I/O: AC input power switch; switch “ON” when AC power line plugged Fuse: Replacement position

Advantages:

All spare parts are easily available, including filter glass, tubes and protection polymer

- ❑Various sizes and models available to suit all budgets
- ❑Cost effective transilluminators that match imported transilluminators in performance
- ❑Upgrade the transilluminator later to a basic gel documentation system if needed

BioGenix®

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