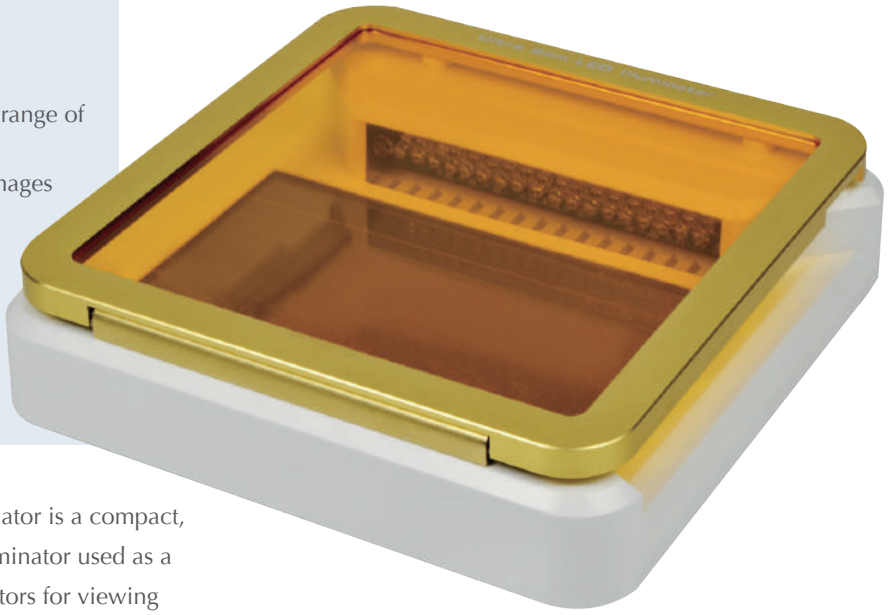
Hercuvan Lab Systems

TT-BLT-470
SafeViewer Blue Light Transilluminator

HIGHLIGHTS

- **Safe for samples and users**
  Does not cause burn to skin and eyes
  Diminishes damage to DNA samples
- **Exceptional performance**
  108 high intensity LEDs illuminate wide range of samples
  Uniform illumination, high quality gel images
- **Portable and light weight**
  Easy to lift, small footprint conserves bench space
- **Durable and long lasting**
  Long service life of LEDs up to 100,000 hours



TT-BLT-470 SafeViewer Blue Light Transilluminator is a compact, portable and high intensity blue light transilluminator used as a safer, less toxic alternative to UV transilluminators for viewing wide range of blue light-excitable nucleic acid stains.

The ultra slim TT-BLT-470 SafeViewer Blue Light Transilluminator emits a high intensity LED array at wavelength of 470 nm which illuminate wide range of “safe” dyes in oppose to toxic Ethidium Bromide. This method prevents exposure of users to harmful UV radiation and minimizes DNA damage caused by UV light.

Post-staining for Agarose Gel

(a) (b)

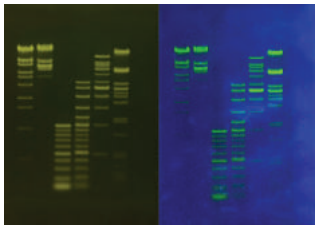


Figure 1: Various ladders and markers run at 1.5% TBE agarose gel. The agarose gel is post-stained with ViSafe Green Gel Stain (Vivantis). The gel is visualized using transilluminator with (a) blue light (Hercuvan); (b) UV light.

Precast for Agarose Gel

(a) (b)

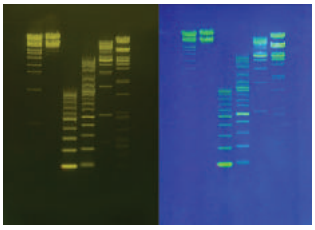


Figure 2: The agarose gel is pre-stained with ViSafe Green Gel Stain (Vivantis). Various ladders and makers run at 1.5% TBE pre-stained agarose gel. The gel is visualized using transilluminator with (a) blue light (Hercuvan); (b) UV light.

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TECHNICAL DATA

Specifications	TT-BLT-470 SafeViewer Blue Light Transilluminator
Wavelength	470 nm
Max. gel size	100 x 150 mm
Voltage	DC 24V
Dimension (WxDxH)	210 x 210 x 30 mm
Permissible ambient temperature	5 - 40°C
Permissible relative humidity	≤70%
Net weight	1.4 kg

ORDERING INFORMATION

Cat. No.	Blue Light Transilluminator
TT-BLT-470	SafeViewer Blue Light Transilluminator TT-BLT-470, 470 nm, max. gel size 100 x 150 mm, DC 24V