

Description

The BluPAD, as an innovatively designed transilluminator with dual light sources, is applicable in various Life Sciences research areas for observing and analyzing the nucleic acids and proteins. Given its most optimal and humanized design for the post-observation applications, such as gel cutting and data imaging and filing, it is desired to provide the researchers with a brand-new comfortable, convenient, and safe experience.

Blue Light mode

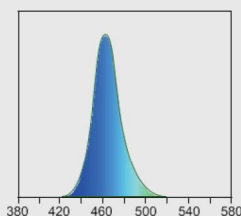
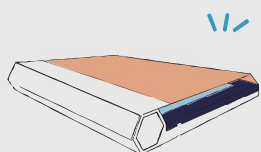
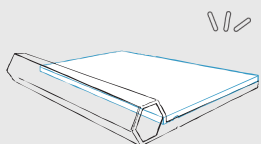


Figure 1.
Excitation and Emission Spectra for
BluPAD Dual LED Blue/White Light Transilluminator

White Light mode



By using the whole-wavelength white LED light as the excitation light source, the White Light mode exhibits softness and uniformity and is applicable for observing or imaging the SDS-PAGE gels that are stained with the Coomassie Blue or Silver Stain. It can also be employed as a simple film-viewing transilluminator for checking the X-Ray film for the research or clinical purpose. With the light intensity adjustment function, the contrasting adjustment of the light intensity is enabled at three levels according to the observational requirements for achieving the best imaging quality.

Field Study Mode

Connectable with the external power bank for the hassle-free field experiments.
**The power bank is NOT INCLUDED in the package and needs to be purchased by the user.

Features

- 1 Amber Filter
- 2 Blue uniform plate w glass
- 3 White uniform plate
- 4 Designer Metal Housing
- 5 Bottom Up Light
- 6 Adjustable Light Intensity (3 Levels)
- 7 Enhanced Portability with the Power Bank

Dual Light Sources

LED White Light and Blue Light

Broad ranges of applicability and compatibility in basic science and medical diagnosis research fields.

Magnetic Filter

The hinges-free design offers simplicity, safety, and convenience to the user and will not cause any damage to the filter near the hinges. Conducting the observation and gel-cutting does not require the protective goggles.

Bottom-Up LED Illumination

It prevents the interference from the reflective lights that are caused by the side illumination, thus improving the observational and imaging quality. Since the LED lights are enduring and safe, it does not cause damage to the eyes and skin or to the experiment sample as normally found with the UV illumination.

Adjustable Light Intensity (3 Levels)

Adjusting the light intensity and contrast based on the sample quantity or observational requirement will achieve the best observational or imaging quality.

5mins Automatic Power-Off

It protects the transilluminator from the risk that is caused by the user's operational negligence.

Designer Metal Housing

The transilluminator's base is rendered more stable, thus facilitating the operational process.

Exquisite and Compact Design

It offers the ease of mobility and storage and is suitable for the experimental observation during the field study.

Enhanced Portability with the Power Bank

Hassle-free for performing the outdoor experiment.
**The power bank is NOT INCLUDED in the package and needs to be purchased by the user.

