

Convenient and easy to use Chemiluminescent Imaging System



Celvin[®] Chemiluminescence Imaging System

Get out of the Darkroom

KEY BENEFITS

► SENSITIVITY

Cooled 16-bit camera for great resolution and low background. Pixel binning when desired for even greater sensitivity.

► EASY TO USE

Plug and play operation. Touch screen controls and intuitive image processing software.

► AFFORDABLE

Uses latest camera technology to deliver great images at a low price.

► COMPACT

Small footprint, about the size of a toaster oven or laptop. Uses only 9-1/2 inches (24 cm) of bench space.

Tired of constant trips to the darkroom while imaging your chemiluminescent blots? Take a look at the new Celvin, the easy-to-use benchtop chemiluminescent imager. Superior camera technology, a plug-and-play interface, and a small footprint make the Celvin an attractive choice for documenting your Westerns -- and it's surprisingly affordable, too.

Sensitive Imaging

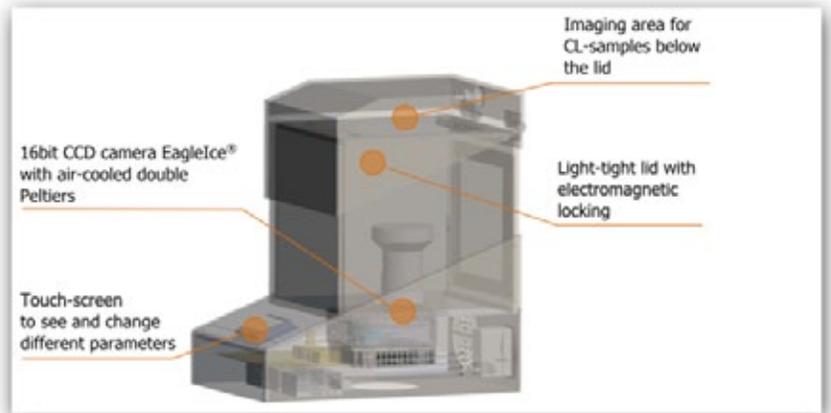
The Celvin features a double stage, peltier-cooled 16 bit scientific grade camera by biostep[®]. The cooling, high quality CCD chip and dark chamber result in an extremely low backgrounds. The treated blot is positioned directly above the camera on a glass plate, ensuring perfect focus on the blot and superior data acquisition. Exposures can be up to 24 hours long, for detection of very faint bands. Several CCD cameras are available, for greater sensitivity or resolutions up to 8.3 megapixels, with binning of up to 6x6 pixels.

Ease of Use

Image acquisition is controlled through an easy, touch-screen interface. Capture your chemiluminescence data, and then use the dimmable white light illuminator to record the position of colorimetrically-stained molecular weight standards -- without even touching the blot in between. Once your image is in hand, the user-friendly image processing software makes data analysis simple. During image acquisition the lid automatically locks down creating a "mini-darkroom" that cannot be accidentally opened. Image blots for hours without worrying about data loss.

FEATURES

- High Resolution: 1.6 to 8.3 megapixels.
- High Sensitivity: 16 bit, binning of up to 6x6 pixels, cooling below -30C.
- Exposures up to 24 hours.
- Compact footprint of 9.5 x 14 inches (24 x 36 cm).
- Maximum sample size 12 x 8 cm to 14 x 14 cm (depending upon model).
- White light for colorimetrically stained markers.
- 1D gel and blot software included.
- USB interface.
- Warranty: 2 Year.



Compact and Affordable

The elegant design enables a small footprint about the size of a magazine. The Celvin will fit most anywhere in your laboratory. The low price includes the intuitive 1D gel and blot imaging software.

Cost Savings

Not only is the Celvin convenient and compact, it also requires no consumables to operate. No more X-ray film to buy, and no more developer reagents -- all you need is your treated blot.



“Performance and handy size makes it [the Celvin] an indispensable tool in my lab”

PROF. DR. SPANGENBERG, UNIVERSITY OF APPLIED SCIENCES OFFENBURG, GERMANY



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