

Chemiluminescence Imaging system



HT6000mini Chemiluminescence Imaging System

Shooting software functions:

Preview function, which allows for pre-exposure in advance. If the sample intensity is high, images can be directly taken.

Automatic exposure shooting, no need to adjust other parameters such as exposure time, just click on shooting to obtain perfect images, which is more convenient and fast.

The software is with automatic image optimization function, automatical adjust the histogram; The grayscale of the image can be manually adjusted on the shooting interface, with the save function.

Predefined parameter settings, storage path can be set in advance, black and white reverse, horizontal reverse, and vertical reverse can be set.

The temperature of the CCD can be set.

Image management function, which can achieve black and white inversion, mark stacking functions, and manually adjust color levels, and save modified images.

Analyzing Software:

It has a series of image analysis functions such as rotation, inverse color, cropping, contrast, etc.

According to the Marker band, the molecular weight, OD value and band content of any band can be automatically calculated, and the optical density can be calculated for the specified area.

Suitable for quantitative analysis of proteins.

All analysis results and data charts can be exported to Excel, Word, etc. for easy storage and comparison.

Characteristic:

Professional shooting and analysis software, one-click imaging.

Pixel Binning function to improve sensitivity and signal-to-noise ratio.

F0.8 lens, the largest aperture in the industry, captures weak signals.

LED integrated light source, low power consumption, long life, uniform illumination, adjustable intensity.

Imported high-sensitivity cold CCD camera. Real-time high-definition dynamic imaging. Corrosion-resistant metal dark box one-piece sealing design, anti-static and anti-interference.

Fully automatic computer control, integrated modular processor, improve safety and stability.

Technical Specification:

Resolution: 6.05 million pixels

CCD size: 1", progressive scan

Temperature: -60°C

Pixel size: $4.65\ \mu\text{m} \times 4.65\ \mu\text{m}$

Acquisition bit: 16bit

Lens

F0.8 fixed focus

White light reflector

Automatic control, adjustable brightness, LED integrated light source on both sides