



E-BOX SO EASY

Stand-Alone Gel Documentation Imaging

Camera & Optics

CX5 camera:

- Scientific grade camera - Made in Germany
- 5 megapixels resolution extendable to 20 megapixels
- Passive cooling
- 16-bit – 65 536 grey levels
- USB-3 connection
- Motorized zoom lens - f/1.2 aperture
- Field of view: 26x21cm

Ease Of Use

One-Click-to-the-Image™
Auto-exposure
Auto-focus
Auto-lighting

Hardware

Very large 12.6" touch screen display with Magster™ technology

Smart Darkroom technology:

- Software control of the lighting
- White light led panels with automatic intensity adjustment
- UV cut-off filter and 10 positions filter wheel
- Slide-out PadBox with automatic recognition of the Application Pad inserted
- RGB LED panels: red, green and blue EPI illumination module

Steel and stainless steel darkroom for long lasting robustness. Wide access door with UV safety shut-off

Software

Free software for image acquisition with full GLP compliance. Molecular weight calculation, band quantification, colony counting, distance calculation, text annotation and image enhancement included.

Applications

- UV Pads for DNA and RNA gels and fluorescence stain imaging:

e.g. Ethidium Bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro Ruby, FITC, DAPI

- White Pad or white light conversion screens for colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging and other EPI white light applications:

e.g. Coomassie Blue, Silver Stain, Ponceau S Red, Copper stain

- SkyLight Blue Pad or blue light conversion screen for DNA/RNA detection (avoid "nicking" DNA):

e.g. Sybr-Safe, Sybr-Green, eGFP

Technologies & Innovation

Apps Studio
3D Dynamics Scan
Magster™ display technology
PadBox™
SuperResolution

Options

Several different Application-Pads can be easily inserted or removed inside the PadBox:

- UV-Pad – 312nm or dual wavelength 312 and 365nm
- Super-Bright-Pad – 312nm or dual wavelength 312 and 365nm
- SkyLight-Pad: blue light LED transilluminator, 470nm
- WhiteLight-Pad: white light LED transilluminator

White light or blue light conversion screens
Advanced Bio-1D quantification software