



# 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 with feedback
- 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 4 positions filter wheel
- Optional slide-out PadBox with automatic recognition of the Application Pad inserted

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

DNA and RNA gels and fluorescence stain imaging:

- Ethidium bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro ruby, FITC, DAPI

Colorimetric stained protein gels, X-Ray film, autorads, SSCP gels, colony dish and flask imaging and other EPI white light applications:

- Coomassie blue, Silver stain, Ponceau S Red, Copper stain...

Sky- Pad or blue light conversion screen for DNA/RNA detection (avoid « nicking » DNA):

- Sybr Safe, Sybr Green, eGFP

## Technologies & Innovation

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

## Options

Several different Application-Pad 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
- Sky-Pad: LED blue light transilluminator, 470nm
- White-Light- Pad: white light LED transilluminator
- Spectra-Pad Blue: blue epi-illumination

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