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

VILBER