



INFINITY UPGRADEABLE

Upgradeable To Western Blot 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

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

CFR21 Part 11 ready

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
SuperResolution
ImageMaster™ assistant
Clarity™

Options

Several Application-Pad can be easily inserted and 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

CFR21 Part 11 module



QUANTUM THE NOVELTY

The Reference For DNA & Protein Gel 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™
Protocol driven image acquisition
Self-understandable user interface
Auto-exposure
Auto-focus
Auto-lighting

Hardware

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

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

Software

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

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Applications

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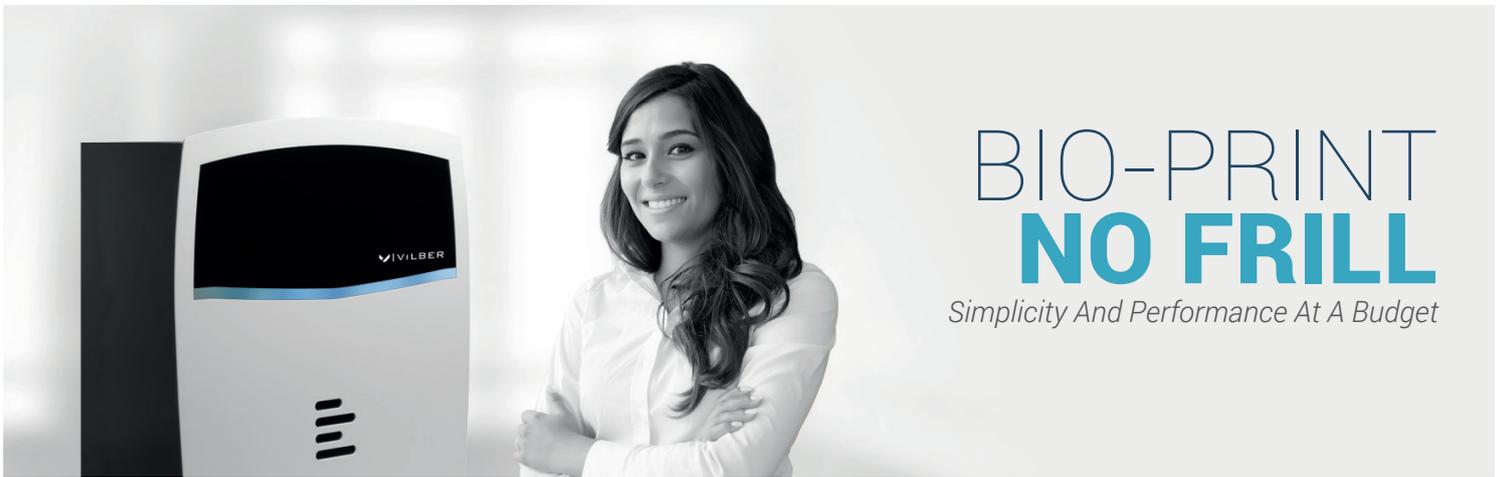
Options

Several Application-Pad can be easily inserted and removed inside the PadBox:

- EPI UV 254nm and 365nm
- 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

CFR21 Part 11 module



BIO-PRINT NO FRILL

Simplicity And Performance At A Budget

Camera & Optics

CX4 camera:

- Scientific grade camera - Made in Germany
- 2 megapixels resolution extendable to 7,6 megapixels
- Passive cooling
- 16-bit – 65 536 grey levels
- USB-3 connection
- Motorized zoom lens with feedback
- Field of view: 20x20cm

Ease Of Use

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

Hardware

Smart Darkroom technology:

- Software control of the lighting
- White light led panels with automatic intensity adjustment
- UV cut-off filter
- Fix position transilluminator with optional protection screen

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

Software

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quantification, colony counting, distance calculation, text annotation and image enhancement included.

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Blue light conversion screen for DNA/RNA detection (avoid «nicking» DNA):

- Sybr-Safe, Sybr-Green, eGFP

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

CFR21 Part 11 module

Minimum computer configuration Bio-Vision software - Platform V17.xx

INFINITY CX5 – QUANTUM CX5 – E-Box CX5 - BIO-PRINT CX4

Minimum requirements	
Type	Desktop computer
Processor	Intel Core i3 with Intel chipset – i5 recommended AMD processor and chipset are not supported
Ram	4 Gb and above (8 Gb recommended)
Hard disk	200 Gb and above At least 10% free disk space least in order to allow software installation and image storage
Monitor/ Video card	1600x900/ 16 million color mode (24-bit). Upper resolutions supported. Video card with a refresh rate above 60Hz.
Operating system	Microsoft Windows 7 SP1 (and upper) (64-bit only) Microsoft Windows 10 SP1 (and upper) (64-bit only)
USB Port	At least two USB-3 ports available in the computer rear side Please make sure to enable the “XHCI” BIOS option to fully activate the USB-3 ports capabilities



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