VILBER

E-BOX VX2

Stand-alone legend

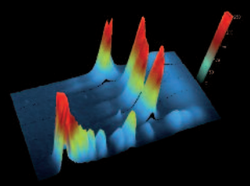
E-BOX VX2 is a complete stand-alone system with fantastic ease of use & ease to clean. The system combines a highly sensitive CCD camera, a USB key media drive, network capability and 12-bit imaging.

Image acquisition is enhanced with a display of the image dynamic and an automatic pixel saturation warning. These ensure optimum quality of the final image, which can then be instantly printed or saved for analysis.

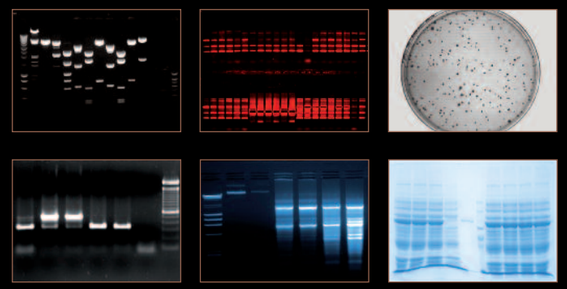
The exquisite precision and resolution deliver reliable results for both quantification and publication.

> APPLICATIONS

- **NUCLEIC ACID DETECTION**
  Ethidium bromide,
  SYBR™ Green, SYBR™ Gold,
  Texas red™, Gel Star™
- **PROTEIN DETECTION**
  Coomassie blue,
  Sypro™ Orange,
  Silver Star™, Fluorescein
- **OTHER**
  Petri dish imaging
  Microplate imaging
  Autoradiograph imaging



> PHOTO GALLERY



> REFERENCE LIST

- European Neuroscience Institute (Göttingen, Germany)
- Biozentrum (Basel, Switzerland)
- Ecole Normale supérieur (Lyon, France)
- Ospedale Policlinico (Pavia, Italy)
- DKFZ (German Cancer Research Centre) (Heidelberg, Germany)

12-bit & LAN NETWORK Capabilities

> TESTIMONIALS

We were impressed by the incredibly ingenious E-Box features. Our system performs almost everything a PC based gel doc can do. The image quality is simply astonishing with the 12-bit imaging. With the network capabilities, ethidium bromide remains in the lab. We can simply download the image from the comfort of our office.

1.4 MEGAPIXELS - SONY CHIP

E-BOX VX2 is a stand-alone image acquisition system dedicated to the capture of fluorescence gel images. Based on a 1.4 megapixels Sony chip scientific CCD camera, it offers exquisite precision and resolution.

The 12-bit E-BOX VX2 produces images with 4 096 grey levels. E-BOX can achieve the imaging of large intensity difference and can detect easily very bright and very faint bands. This high dynamic range delivers high accuracy for both quantification and documentation.

USB DRIVE

USB keys are professional grade memory devices designed for the most demanding imaging applications. The USB keys allow for quick and easy transfer of images between the E-BOX and the PC or Mac through the USB port. With the speed of a memory chip and better portability than any other media drive, the USB keys offer greater storage than many other media cards. They are available in a variety of capacities, so you are sure to find the right size to fit your needs.

NETWORK CAPABILITIES

Connect your E-BOX VX2 to your network and download your gel image from the comfort of your office. The E-BOX has an unique IP address which allows you to connect the system to your LAN network for downloading.

The image acquisition is performed at your bench and the image is saved in the internal memory of the E-BOX. Then, from your office, you can easily download the image using the E-Capt software.

> FANTASTIC EASE OF USE

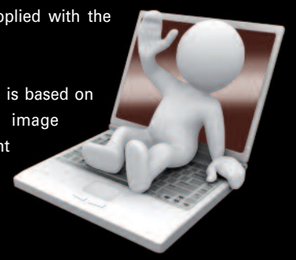
E-Box has a fantastic ease of use. The system is ergonomically designed with a simple and easy-to-clean keyboard.

The image acquisition process is as quick as intuitive: adjust your exposure, freeze save or print. The user-interface has rich features and guides you into the advanced functions such as image format selection or deleting an image.

> FREE E-CAPT SOFTWARE

E-Capt is the free software supplied with the E-BOX VX2 systems.

This very user-friendly software is based on five main components: image enhancement, molecular weight calculation, band quantification, distance calculation (RF) and colony counting.



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SPECIFICATIONS

E-BOX VX2

Camera and optics	Scientific Sony chip CCD camera Real time and integration time Grade 0, zero defect Progressive scan – Low dark current HAD (Hole Accumulation Diode) sensor Continuous variable-speed shutter USB2 interface Scientific grade zoom lens. Japanese optics
Resolution	1.400.000 pixels – Sony chip 1360 (H) x1024 (V)
Pixel depth	True 12-bit, 4 096 grey levels
Sensitivity	High sensitivity for DNA/protein fluorescence detection All images saved with a GLP (Good Laboratory Practice) file
Output	8" inch TFT grade LCD display Images saving to USB key or to the internal memory IP address for LAN network connection Compatible with Windows© driver printers 4 USB ports
Software	E-Box is supplied with the complimentary E-Capt software for image downloading, image enhancement and basic image analysis. The E-Box images are compatible with Bio-1D and Bio-Gene software for quantification: transform your 1D gel into 3D results

CONFIGURATIONS

Darkroom	VX2 darkroom with build-in roll-out transilluminator UV security switch 3 positions filter slide Overhead white light by fluorescent tubes Single or dual wavelength transilluminator available Filter size : 20x20cm Optional Super-Bright UV filter technology UV to white light or UV to blue light conversion screen available