Introducing Vü

The future of gel documentation and chemiluminescence imaging.

pop bio IMAGING

Say hello to the future of gel documentation and chemiluminescence imaging.

Pop-Bio Imaging, a division of the Pop-Bio Group, presents its new imaging technology to the life science market. An innovative imaging platform, the Vü is set to change the way images of gels and blots are captured forever.

A smart new way to capture your images. Small, high sensitivity imaging systems that are simple to use, with superb image quality. State-of-the-art imaging sensors and sophisticated technology - united in a device of compact, contemporary design.

It's time for change. The Pop-Bio Vü imaging systems for chemiluminescence and fluorescence applications really do re-write the gel documentation rule book.

The Vü-C Chemiluminescence System.

Simple, sensitive, stunning -
raising the bar with a new imaging platform.

Using Pop Bio's ***eMIT*** (electronic Mapping Image Technology*), the high sensitivity sensors in the Vü can easily capture low output blots to provide a truly outstanding image.

Easy input, incredible output
Just place the blot (up to 10cms x 10cms) in the marked position on the tray and push into Vü with your finger. The Vü immediately recognises the tray and adapts to the blot size or application type.

Depending on your sample type, your image will appear in seconds or minutes ready for you to print or analyse.

No fuss, no hassle, no drama, no camera, lens or filters to worry about. No sensitivity issues, no focussing needed. Just the best image you have ever seen - whether it is of a faint band or a high signal output blot.

Western blot imaging with a difference

Ultra high resolution

Super sensitivity

Stunning images

No camera, no lens, no setup, no fuss

The Vü-F Fluorescence System.

Simply the latest technology
to enhance your gel and blot imaging.

The Vü is designed for fluorescence applications such as DNA gels, protein gels, and safe dye gels. The sliding drawer can accept samples up to 20cm x 20cm.

For safe dyes, the Vü utilises integral blue LED's and offers a Blue/Green illumination option too. You can also use a traditional white light converter to view commassie and silver stain samples. And although use of traditional ethidium bromide stained UV gels may be declining, we've built in a useful 302nm light source as well.

Simple to use, with exceptional results
Just place a sample on the tray and push it in with your finger. Vü detects the sample type and captures an image using either UV or blue light.

No fancy screens or massive processors which need constant upgrading and can go wrong. Just the latest technology and an exceptional design.

Fluorescence imaging made easy

One step operation

UV, blue and white light illumination

Stunning images

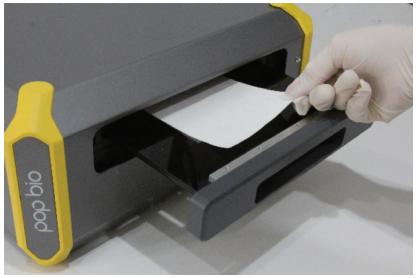
No camera, no lens, no filters, no lasers, no setup

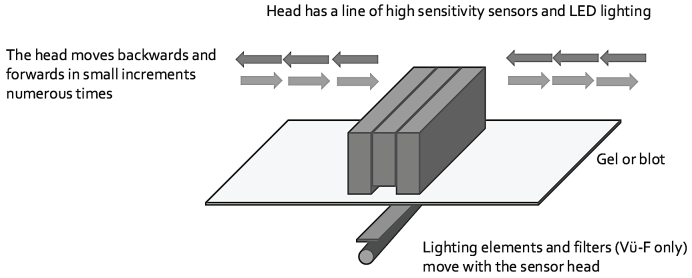
Clever working as standard.

Our advance sensor technology, ***eMIT*** (electronic Mapping Image Technology*) captures an image of the gel or blot on the tray. But, instead of a camera, the Vü's head unit contains a linear array of high sensitivity sensors; moved in close proximity across the sample, backwards and forwards multiple times to collect the light output.

The position and output level of the light emission is measured, with increases or decreases recorded. Once the Vü's head unit has collected enough light to form an image (just 20 seconds for fluorescence and 2-4 minutes for chemiluminescence wester blot), the device automatically sends it to a device for viewing.

No capture software or user interface to worry about – thanks to a fully automatic imaging process controlled by the embedded intelligent software.

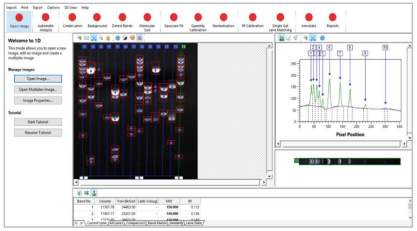




Quick and easy viewing: Connect directly to a PC or send via WiFi to any connected device. Once the image appears you can print it or send to the analysis software.

Detailed image analysis: The Vü device comes with three copies of analysis software.

- Analysis of 1D gels and Western blots with Vü OneD is rapid, automated to a high level and reproducible.
- Highly developed algorithms accurately detect lanes and bands even on distorted gel images.
- Bands calibrated using one or more Molecular Size standard lanes.
- Derive absolute band quantitation using known quantity calibration standards in samples.
- Ability to review each stage of workflow analysis and intervene / edit if required.
- Combining high levels of automation with final user review for rapid and accurate quantitative analysis.



Advanced sensor technology, highly sensitive images.

A system designed to work with the technology you already have.

No need to build extra expense into a system when you already have devices in your laboratory that can be used instead.

The Vü sits discreetly on any laboratory bench and will link with any mobile device, tablet, laptop or computer. All you do is capture the image. With no camera, lens or filter wheel, there's no fussy setups. Just push the sample drawer in and Vü does the rest.

There is another way. Let Vü show you the future of gel and blot documentation.

	Vü-F	Vü-C	Vü-CF
Application	Fluorescent gels and blots	Chemiluminescence Western blots	Fluorescence & Chemiluminescence
Illumination	UV integral 302nm Blue light integral LED's Blue Green LED's [optional] White light conversion screen White light integral LED's	White LED's for marker lanes	UV integral 302nm Blue light integral LED's Blue Green LED's [optional] White light conversion screen White light integral LED's
Sample size (cm)	20 x 20	10 x 10	20 x 20 [F], 10 x 10[C]
Sensor resolution	>50m pixels	51m pixels	>50m pixels
Sensor lens T-Stop	1.01	1.01	1.01
Footprint (mm)	418D x 412W x 195H	321D x 353W x 150H	418D x 412W x 345H
Power supply	84 - 246v external	84 - 246v external	84 - 246v external
Connectivity	Integral Wifi & ethernet	Integral Wifi & ethernet	Integral Wifi & ethernet
Analysis software	3 copies	3 copies	3 copies
Warranty	2 years	2 years	2 years
Part number/s	10-1007-04 [UV, Blue LED] 10-1007-05 [UV, Blue/Green LED]	10-1007-02	10-1007-07

* Patent pending.

Ready to enjoy the Vü?

Get in touch for more information or to book a demo.

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Brought to you by Pop Bio Imaging – the home of innovative imaging products.

Pop Bio Imaging is built on over 100 years of collective imaging experience, with our expert development team having developed multiple patented imaging techniques for the scientific and healthcare markets. With extensive world-wide distribution experience in the establishment of sales channels for gel and blot imaging systems, Pop Bio Imaging is a well-known and respected group in the life science market.

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