



Chemiluminescence & Epi Fluorescence Alliance Q9 Advanced

The Alliance Q9 Advanced is Uvitec's top-end chemiluminescence and spectral fluorescence imaging system, proudly boasting the highest optics specifications and sensitivity on the market. The Q9 Advanced is fully automated, expandable and tailored to your workflow, upgradeable through plug-n-play technology

Dims > Height: 845 mm - Width: 470 mm - Depth 515 mm

Weight > With Transilluminator: 77 Kg - Without: 72 Kg

Practicality

- ▶ **1-click to image** > effortless acquisition, in no time
- ▶ **No manual control** > hands-off, automated routines
- ▶ **Fully slide-out tray** > hassle-free sample positioning
- ▶ **Mobile sample tray** > painless westerns imaging
- ▶ **All-in-one** > acquisition – editing – analysis, straight away

Applications

- ▶ **Femtogram-level** > stunning detection of faintest signals
- ▶ **Uvipure© technology** > enhanced UV for EtBr and all safe stains
- ▶ **Chromapure© modules** > take multiplexing to the next level
- ▶ **Confocal discs** > boosted fluorescence signals capture
- ▶ **Filters** > up to 18 filters to choose from

Optics

- ▶ **9.2 megapixels** > massive resolution, HD pictures
- ▶ **f/0.80 custom lens** > unrivalled camera sensitivity
- ▶ **-60°C camera cooling** > radical background suppression
- ▶ **OD 4.8 dynamic range** > outstanding weak/strong detection ratio
- ▶ **65,535 gray levels** > research-level protein quantification

Darkroom

- ▶ **Stainless steel** > long-lasting, robust instrument
- ▶ **Box© concept** > interchangeable transilluminators
- ▶ **Plug-n-play** > upgrade any module, at any time
- ▶ **7-position wheel** > and up to 18 filters to choose from
- ▶ **Q-smart darkroom** > splendid Alliance-line darkroom

▶ Chemiluminescence	Western blotting
▶ Fluorescence	Optional DNA and RNA gels with fluorescent stains
▶ Epi Fluorescence	Optional IR/NIR/RGB multiplexing with up to 8 wavelengths
▶ Bioluminescence	In-vivo Luciferase and Fluorescence
▶ Visible Imaging	Optional Colorimetry and Protein gels