



Chemiluminescence & Epi Fluorescence Alliance Q9 Advanced Manual

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

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

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

Max. F.O.V. > 20 x 24 cm

Practicality

- ▶ **Auto-exposure** > ideal exposure, for every sample
- ▶ **Pre-calibrated optics** > effortless setting, in no time
- ▶ **Fully slide-out tray** > hassle-free sample positioning
- ▶ **Mobile sample tray** > better sample preservation
- ▶ **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
- ▶ **New Chromapure modules** > up to 6 simultaneous channels
- ▶ **Confocal discs** > precise signal wavelength capture

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

- ▶ **Choice of Tables** > interchangeable transilluminators
- ▶ **Plug-n-play** > possibility to upgrade any module, at any time
- ▶ **7-position wheel** > up to 18 filters to choose from
- ▶ **Wave to open** > auto door aperture (optional)

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