Chemiluminescence & Epi Fluorescence

Alliance Q9 Advanced Manual

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 a cost-effective imager, fully 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

- **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** > painless westerns imaging
- **All-in-one** > acquisition – editing – analysis, straight away

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

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** > boosted fluorescence signals capture
- **Filters** > up to 18 filters to choose from

Darkroom

- **Brand-new design** > Q-Smart darkroom
- **Box© concept** > interchangeable transilluminators
- **Plug-n-play** > upgrade any module, at any time
- **7-position wheel** > and up to 18 filters to choose from
- **Wave to open** > auto door aperture

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

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