

UV Fluorescence & Colorimetry

# Essential V6

The Essential V6 imaging platform is Uvitec's most compact, yet high-end gel documentation system for DNA, RNA and protein gel imaging, boasting a 6-megapixel camera resolution with 16-bit sensor. It offers a massive 65,535 gray scale ideal for lab imaging routine, research-level data collection and accurate protein quantitative analysis.

**Dims** > Height: 570 mm - Width: 390 mm - Depth: 475 mm

**Weight** > With Transilluminator: 36 Kg - Without: 30 Kg

**Max. F.O.V.** > 21 x 26 cm



## Practicality

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

## Applications

- ▶ **Uvipure© technology** > enhanced UV for EtBr and all safe stains
- ▶ **Multi-functions** > optional screens for extended applications
- ▶ **Quantitative analysis** > molecular weight and quantification
- ▶ **Fully-customizable** > 100% adjustable parameters and protocols

## Optics

- ▶ **6 megapixels** > superb, publication-level images
- ▶ **65,535 gray levels** > research-level protein quantification
- ▶ **6x zoom lens** > responsive optics for a versatile imaging area
- ▶ **Passive cooling** > reduced noise for clearer images

## Darkroom

- ▶ **Stainless steel** > long-lasting, robust instrument
- ▶ **Epoxy paint** > chemical-resistant darkroom
- ▶ **Compact design** > small footprints and easy fit
- ▶ **Lightproof** > no light leaks

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|--------------------------|--|
| ▶ <b>Fluorescence</b>    | DNA and RNA gels with fluorescent stains |
| ▶ <b>Visible Imaging</b> | Optional Colorimetry and Protein gels    |