

# ImageQuant ECL Imager

The ImageQuant™ ECL™ system is a full-featured imager targeted for high-sensitivity chemiluminescence imaging. If your primary imaging need is chemiluminescent Western blots, then ImageQuant ECL is the ideal solution.

Its standard features can be combined with affordable options to image a wide variety of samples using white and UV, trans and epi illumination. Special sources are available for TLC, GFP, and blue light conversion.

To convert your image data to information, simply add ImageQuant TL analysis software.

**Applications: chemiluminescence including GE Healthcare ECL Western blotting systems, gel documentation, fluorescence, microtiter and colony plates, culture flasks, autoradiography film, gels stained with ethidium bromide, SYBR™ Green, Coomassie™ Blue, copper, and silver-zinc**

- Unique combination of microlens technology and low-noise camera gives highest chemiluminescent sensitivity
- Wide dynamic range reduces chance of saturation with film and increases signal resolution
- High resolution enables differentiation of small sample features
- Fast exposure times
- Regulated cooling gives more reproducible images
- Compatible with ImageQuant TL image analysis software
- Easy camera upgrades as new technology becomes available
- Fully supported by GE Healthcare Technical Support



## Specifications

- 3.2 megapixel, 16-bit, microlens CCD, 2184 × 1472, 6.8 × 6.8 μm pixels
- Cooling to -10 °C, absolute and regulated
- 78-Db noise level

## Options

- Epi UV illumination: 254, 365, and 460 nm
- Filters: SYBR Green, GFP, fluorescein, SYPRO™ Red, Carb Gel/Hoechst Blue
- ImageQuant TL software
- Thermal printer



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