

## Omega Lum™ G Imaging System

Manufacturer:

SKU#: 8418-11-0005

### Features & Benefits

#### Fully automated SmartCapture Technology™

- No filter selection or focus adjustment required

#### Imaging flexibility

- Chemiluminescence for Western, Northern, and Southern blots
- Multiple excitation sources for nucleotide and protein stains
- Absorbance for Ponceau-stained membranes or petri dishes

#### Publication-quality images

- 65,536 grayscales with over 6 million pixels for excellent resolution
- Universal TIFF and JPEG file formats

#### Small footprint, large format

- Compact footprint fits right on your bench top
- Accommodates large format protein and nucleotide gels (i.e. PROTEAN II, Subcell 96)
- Imaging Area: up to 20.5 x 25.0 cm



## Product Description

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Get your data and go! With the Omega Lum™ G snap an image of your gel or blot, get your data and go! Our SmartCapture Technology™ simplifies imaging, so all you need is to pick your application, exposure, and capture your image. You will have a publication-ready image in seconds, and can get back to what's important – your work.

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## Omega Lum™ G Imaging System Specification

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### Specifications

Applications - Chemiluminescence, UV Fluorescence, Colorimetry, Densitometry, Gel Documentation

Dye Compatibility - SYBR® Safe, SYBR family, Ethidium Bromide, Coomassie Blue, Silver Stain, AdvanStain Scarlet, SYPRO® Ruby, Oriole™ and more

Hardware - 6MP scientific grade CCD camera with a fixed lens, -30° C ambient cooled camera, integrated tablet with pre-

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installed Image Capture Software

Software - Customizable Omega Lum G Image Capture Software, UltraQuant Analysis Software

Excitation - Trans-UV (dual wavelength), Trans-white conversion screen, Epi-white LEDs, Epi-blue LEDs

Emission - Orange (included), Blue, Green, Red (optional)

Dimensions (W x D x H) - 12.5 x 18.0 x 24.0 inches (31.8 x 45.7 x 61.0 cm)

Weight - 65.0 lbs (29.5 kg)

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