

Omega Lum™ C Imaging System

Manufacturer:

SKU#: 8418-11-0001

Features & Benefits

Quantify, not just qualify

- Wide dynamic range for accurate quantification of low and high abundant samples in the same image
- Optimized camera and optics design for highest sensitivity and signal capture

Fully automated western blot and gel imaging

- SmartCapture Technology™ eliminates filter selection and focus adjustment
- Image your chemiluminescent blots easier than film

Publication-quality images

- 65,536 grayscales with over 8 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 15.0 x 20.0 cm



Product Description

Make your data work for you! Quickly grab quantitative images of your blots or gels right on your bench with the Omega Lum C. With its broad dynamic range and sensitive detection, you can't get better data from your experiments anywhere else. And it is so easy – you'll never want to use film again.

Omega Lum™ C Imaging System Specification

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 - 8.4MP scientific grade CCD camera with auto focus F0.95 lens, -50° C ambient cooled camera, integrated tablet with pre-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 - 75.0 lbs (34 kg)

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