

Omega Lum™ W Imaging System

Manufacturer: GelCompany-Apigen

SKU#: 8418-11-0002

Features & Benefits

3 channel capability for Multiplex imaging

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

A new perspective on Western Blot imagingThe Omega Lum W offers all the advantages of the Omega Lum C, plus the ability to do multiplex imaging in the Red, Green, and Blue Channels. Image multiple proteins simultaneously without having to strip and re-probe, or get better resolution of closely resolved bands. All with Aplegen's excellent performance, small footprint and economical pricing.

Omega Lum™ W Imaging System Specification

Specifications



Applications - Chemiluminescence, UV Fluorescence, Colorimetry, Densitometry, RGB Multiplex Imaging, 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 W Image Capture Software, UltraQuant Analysis Software, Total Lab Analysis Software

Excitation - Trans-UV (dual wavelength), Trans-white conversion screen, Epi-white LEDs, Epi-blue LEDs, EPI LEDs at 457, 530 and 628nm

Emission - Orange, Red, Green and Blue filters (Included)

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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