



PRESS RELEASE

Fluorescence and Chemiluminescence imaging

The Omega Lum G from Aplegen is the ideal package for those looking for a gel and western blot imaging documentation system. It comes complete with everything you need. Simply unpack it to get started capturing images of your gels and blots quickly. What will also surprise most people is the incredible low cost for such a high specification system.

As with all Aplegen systems it is powered by the intelligent SmartCapture Technology which simplifies imaging to the point where the user just has to pick an application and the image is automatically captured with the optimum exposure. This automatically controlled system even takes care of filter selection and focusing. Within seconds the user will have a high quality publication quality image at the click of a button.

For those looking for an all-round system then the Omega Lum G is the logical choice. It can be used for fluorescent gels and chemiluminescent blots. Additionally the multiple excitation sources make it suitable for nucleotide and protein stains. The system is compatible with an extensive range of dyes including SYBR® Safe, SYBR family, Ethidium Bromide, Coomassie Blue, Silver Stain, AdvanStain Scarlet, SYPRO® Ruby, Oriole™ and more. With so many applications possible the Omega Lum G is the perfect solution for a busy multiple user laboratory.

At the heart of any good gel documentation system there is a CCD camera. The Omega Lum G has an incredible 6 million pixel resolution camera which is cooled to an impressive -35°C. This translates to a stunning, noise free image which is essential for high quality chemiluminescence imaging.

All Aplegen systems are noted for their beautiful design and compact footprint. Each system is robust and of a high quality. The small size means they sit perfectly on any laboratory bench. However, small footprint does not mean small sample size and the Omega Lum G can accommodate large format protein and nucleotide gels in its impressive 20.5 x 25cm imaging area. Lighting includes a dual wavelength transilluminator, white light conversion screen, EPI white and blue LED's. The integrated Tablet with pre-installed software rounds off the complete, ready to use system.

Says Aplegen “for the user looking for an all-round system which combines high performance with a price tag which suits most budgets look no further than the Omega LumG gel documentation system”.

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