

PRESS RELEASE

Advances in Blue LED light technology for life science

Herolab GmbH, the German based life science manufacturer, has recently introduced a new Blue LED Transilluminator to its existing range of UV and white light models.

Over the last few years the use of blue light illumination for the excitation of some dyes including ethidium bromide has increased. The most significant reasons being that blue light around 470nm is 'safe' and does not have the hazards associated with the use of UV illumination and also importantly, blue light does not damage the DNA sample.

The four new Herolab models cover filter sizes from 11 x 14cm up to a large 22 x 28cm version and use special filter glass for optimum blue light excitation. The illumination is provided by premium quality blue LED's which because of a high quality diffuser screen gives a homogenous area of light. This is essential for evenly illuminated gels to give good image quality and accuracy when undertaking analysis. Furthermore the enhanced filter and lighting configuration ensure reduced background signal which aids the capture of high contrast images which are ideal for publication purposes and for working in preparative modes.

As usual with all Herolab products they are built to a very high standard. All models are constructed using stainless steel which ensures long life and presents problem free cleaning.

Says Herolab: "We have been making transilluminators and imaging systems for gels for many years and have brought our expertise to yet another product within our range."

18th February 2016

