

G:BOX Chemi XRQ

Gel imaging for fluorescence
and chemiluminescence



The G:BOX Chemi XRQ system provides the user with an extended range of applications covering fluorescence and chemiluminescence. This system utilises Syngene's groundbreaking GeneSys automatic control software. Driven from a database containing hundreds of capture protocols, full manual control is available should you wish to use it.

◆ High specification

- the new 4m pixel has a cooling temperature of -57 degrees Celsius. With 73%QE @425nm

◆ Modular

- the new design includes a motor driven 12.5 -75mm zoom lens f1.2 with feed back and a motor driven 7 position filter wheel as standard

◆ Performance

- with the new GeneSys control software the user simply has to tell the G:BOX Chemi XRQ the sample type and dye and leave the rest to the automated capture system. Images are produced quickly with the minimum of effort

Specification

Camera

Resolution	4 million pixels
Image depth	16 bit
Greyscales	65,536
Dynamic range	4.8
Lens	Motor driven zoom with feed back 12.5-f1.2

Darkroom

Hinged door	Yes
Safety interlocked	Yes
Built-in white light	Yes – LEDs

Filter selector

Filter wheel	Motor driven 7 position with included UV filter
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Transilluminator options

UV transilluminator	20cm x 20cm or 25cm x 30cm
UltraBright-LED Blue	21cm x 26cm

Conversion screen

NovaGlo	UV to visible
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Size

Dimensions (h x d x w) cm	57 x 85 x 43
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