



### Gel documentation systems, G:BOX iChemi/G:BOX iChemi XR/G:BOX iChemi XT/G:BOX iChemi XL



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- Electrophoresis gels - Ethidium® Bromide, Coomassie® Blue, Silver Stain, SYBR® Gold, SYBR® Green, SYBR® Safe, GelStar®, SYPRO® Red, SYPRO® Ruby, SYPRO® Orange, Fluorescein, Rhodamine Red™, Texas Red®, Pro-Q® Diamond, Deep Purple™, Q-dots, as well as:
- Chemiluminescence - most common substrates including: ECL®, SuperSignal®, LumiGlo®, West Dura®
- Agar plates
- Cells in flasks
- Autoradiographs
- Gel documentation and analysis
- Modular system
- Choice of camera - the right camera for your application
- Light-tight darkroom - suitable for fluorescence and chemiluminescence
- 16 bit camera (EF) - very accurate gel data
- Auto focus configuration and focus indicator - precise focusing every time
- Membranes
- Spots and slot blots
- TLC plates
- Microtitre plates
- Macro-arrays
- Auto exposure and series capture - easy image capture
- Integration control - capture faint bands or features from any gel
- Neutral fielding (option) - perfect background correction
- Filter selection options - can detect a wide range of stains and dyes
- Effective pixels - extended resolution
- GeneTools - analysis software

The G:BOX iChemi series of gel documentation systems offers a range of camera, lighting and filter options to cover all applications.

The innovative design gives the user an incredible array of configuration choices. There are 4 basic configurations of CCD camera. This ensures that there is a G:BOX iChemi to suit all budgets and all applications.

The new G:BOX iChemi systems intelligently assess a sample and then automatically set the optimum exposure time and sensitivity settings to obtain the very best image possible. Further improvements to the scaling of the samples also ensure optimum display settings giving images of superb and outstanding quality.

In summary, the G:BOX iChemi is the perfect system with performance to match. Choose from the four basic configurations and simply add any options you need.

- G:BOX iChemi: High resolution version for general purpose fluorescence and chemiluminescence
- G:BOX iChemi XR: Super sensitive low noise systems for high performance applications
- G:BOX iChemi XL: Mega pixel system with superior capture speed
- G:BOX iChemi XT: Mega pixel system with superior performance

#### Technical Specification - Specific

	<b>LCI-700-100R</b>	<b>LCI-700-110X</b>	<b>LCI-700-080U</b>	<b>LCI-700-120L</b>
Model No	GBOX/iCHEMI-E	GBOX/iCHEMI-XR-E	GBOX/iCHEMI-XL-E	GBOX/iCHEMI-XT-E
Resolution	0.3 to 1.2 mega pixels	1.4 to 5.5 mega pixels	4.2 to 6.3 mega pixels	1.4 to 5.5 mega pixels
Memory	16 bit	16 bit	16 bit	16 bit
Colour	65,536	65,536	65,536	65,536
Range	4.8	4.8	4.8	4.8
Cooling system type	Low peltier cooling	Ultra peltier cooling - regulated	Ultra 2 stage peltier cooling - regulated	Ultra peltier cooling - regulated
Illumination	Yes	Yes	Yes	Option
Light source	Option	Yes	Yes	Option
Light	Option	Option	Option	Option
Absorbance	Yes	Yes	Yes	Yes
Absorbance range	Option	Option	Option	Option
Absorbant weight, g	Option	Option	Option	Option
Absorbed LN2, L	Option	No	Yes F0.95	Yes F0.85
Absorbency	Option	Option	No	No

Catalogue No	Alt. No	Description
<b>LCI-700-100R</b>	GBOX/iCHEMI-E	G:Box iChemi
<b>LCI-700-110X</b>	GBOX/iCHEMI-XR-E	G:BOX iChemi XR
<b>LCI-700-080U</b>	GBOX/iCHEMI-XL-E	G:BOX iChemi XL
<b>LCI-700-120L</b>	GBOX/iCHEMI-XT-E	G:BOX iChemi XT

Please contact Fisher Scientific to discuss your EU compatible product requirements.