

# Comparison of Chemi and Fluorescence Systems



Specifications	G:BOX Chemi XRQ	G:BOX Chemi XX6/XX9	G:BOX mini 6/9	GeneGnome XRQ
Image resolution	4MP	6/9.1MP	6/9.1MP	4MP
Bit depth	16 Bit	16 Bit	16 Bit	16 Bit
Dynamic range	4.8 OD	4.8 OD	4.8 OD	4.8 OD
Lens	F1.2	F0.95	F0.95	F0.95
Sample size (cm)	Max: 30.5x22.7 Min: 5.0x3.8	Max: 32.3x25.6 Min: 15x11.8	Max: 15x12 Min: 10x8	11x8
Filter position	7	7	7	
Dimensions (HxWxD)	84x57x45cm	99x57x55cm	64x40x52cm	44x37.5x43cm
Applications				
DNA gels	✓	✓	✓	
Protein gels	✓	✓	✓	
Fluorescence	✓	✓	✓	
Chemiluminescence	✓	✓	✓	✓
Colorimetric detection	✓	✓	✓	
3-colour detection	✓	✓	✓	
Infra-red fluorescence	✓	✓	✓	
Features				
Image capture software	✓	✓	✓	✓
Analysis software	✓	✓	✓	✓



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# Comparison of Gel Documentation Systems



Specifications	InGenius 3	NuGenius NuGenius+	G:Box F3
Image resolution	3MP	5MP	5MP
Bit depth	12/16 Bit	12/16 Bit	12/16 Bit
Dynamic range	3.6/4.8 OD	3.6/4.8 OD	3.6/4.8 OD
Lens	F1.4	F1.2(F1.4+version)	F1.2
Sample size (cm)	20x20	20x24	Max: 32.5x24.1 Min: 5.6x4.2
Filter position	1	1	7
Dimensions (HxWxD)	62x37.5x40cm	75x31x45cm	84x57x45cm
Applications			
DNA gels	✓	✓	✓
Protein gels	✓	✓	✓
Fluorescence	✓	✓	✓
Chemiluminescence			
Colorimetric detection	✓	✓	✓
3-colour detection			
Infra-red fluorescence			
Features			
Image capture software	✓	✓	✓
Analysis software	✓	✓	✓



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