

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 | ✓ | ✓ | ✓ | ✓ |



Syngene Europe and International Headquarters:
 Beacon House Nuffield Road Cambridge CB4 1TF UK
 Tel: +44 (0)1223 727123 Fax: +44 (0)1223 727101
 email: sales@syngene.com

Syngene USA Headquarters:
 5103 Pegasus Court Suite L Frederick MD 21704 USA
 Tel: 800-686-4407/301-662-2863 Fax: 301-631-3977
 email: ussales@syngene.com

Website: www.syngene.com
 COMP.03.18

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 | ✓ | ✓ | ✓ |



Syngene Europe and International Headquarters:
 Beacon House Nuffield Road Cambridge CB4 1TF UK
 Tel: +44 (0)1223 727123 Fax: +44 (0)1223 727101
 email: sales@syngene.com

Syngene USA Headquarters:
 5103 Pegasus Court Suite L Frederick MD 21704 USA
 Tel: 800-686-4407/301-662-2863 Fax: 301-631-3977
 email: ussales@syngene.com

Website: www.syngene.com
 COMP.03.18