

SYNGENE

GeneGnome

COMBINING
SIMPLICITY WITH
SENSITIVITY



SPECIFICATIONS

Image Resolution	4MP
Effective Resolution	16MP
Bit Depth	16 Bit
Lens	F/0.95
Greyscale	65,536
Quantum Efficiency	(@425nm) 73%
PC and Printer Connectivity	Yes (not included)
Cooling	Peltier
Fixed Stage	True Lens Imaging
Lighting	Epi LED White Lights
Image Area	11x8cm
Dimensions (WxHxD)	375x440x430mm
Weight (kg)	20
Power Input (V)	100-240

Discover Unmatched Sensitivity and Image Quality

Experience highly sensitive imaging of Western blots, comparable to that of film. The GeneGnome's wide dynamic range ensures expert analysis for both strong and weak bands, allowing them to be documented on the same blot without saturation. A 4MP camera delivers unparalleled image quality, meaning you can distinctly resolve even the most closely spaced bands.

Intuitive Software for Effortless Imaging

Capture publication-quality images of your Westerns effortlessly using our GeneSys image capture software. With four modes of chemi capture, choose whether you want a rapid image or a series capture.

Using the GeneSys software, you can easily capture your marker and chemi image. For regulated environments, pair GeneSys with GeneTools for GLP and CFR 21 part 11 compliance. IQOQPQ documentation is also available, providing comprehensive validation support.

Compact Design for Space Efficiency

The GeneGnome XRQ's compact footprint makes it the ideal choice for imaging small blots measuring 11x8cm. Maximise your lab's efficiency without compromising on imaging capabilities.