



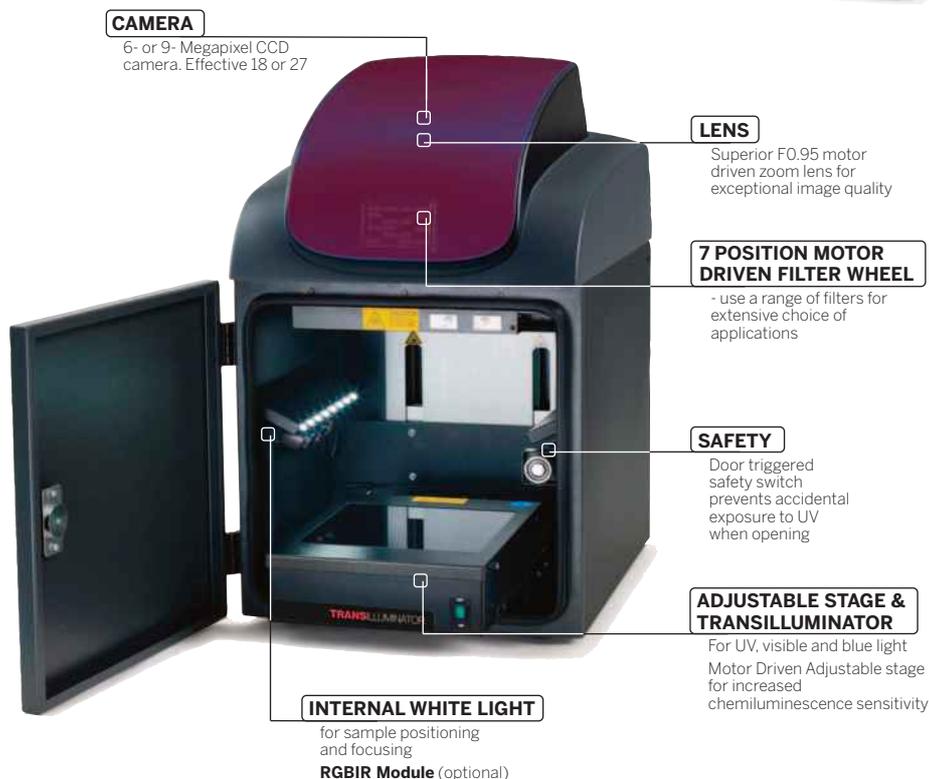
# chemiPRO XS 6/9

ChemiPRO XS offers a compact and comprehensive advanced tool for all imaging requirements of a Life science laboratory. The high sensitivity cooled CCD camera and adjustable motor driven stage enables users to capture even faintest bands.

The chemiPRO XS is a sophisticated gel Imaging system designed to make gels and blots image acquisition easy and efficient. Its application driven databased acquisition software ensure high standard publications quality images at the click of a button.

## KEY FEATURES

- High quantum efficiency (QE) CCD camera
- Multiplex imaging of up to 5 different channels with UV, blue and RGB HI-LED lighting options – Multiple filters available
- Stain-free imaging capability
- Auto-exposure
- Adjustable stage software controlled
- Excellent signal to noise ratio
- Protocol driven image capture
- Motor driven lens and filter wheel



## TECHNICAL SPECIFICATIONS

CAMERA	
IMAGE RESOLUTION (MEGAPIXELS)	6 or 9
EFFECTIVE RESOLUTION (MEGAPIXELS)	18 or 27
IMAGE SENSOR	CCD
A/D	16 BIT
GREYSCALE	65,536
DYNAMIC RANGE OD	4.8
QUANTUM EFFICIENCY (@ 425nm)	73%
COOLING	-57°C, PELTIER
LENS (MOTOR DRIVEN AUTO FOCUS)	F0.95
STAGE	MOVING
FILTER WHEEL (7-POSITION MOTOR DRIVEN)	ALL FLUORESCENCE APPLICATIONS
UV FILTER	YES
DARKROOM	
EXTENDED WITH MOTOR DRIVEN STAGE	YES
LIGHTING	
EPI LED WHITE LIGHTS	YES
HI-LED (RED, BLUE, GREEN)	OPTIONAL
HI-LED (RED, INFRARED)	OPTIONAL
HI-LED (RED, BLUE, GREEN, INFRARED)	OPTIONAL
VISIBLE LIGHT CONVERTER	OPTIONAL
WHITE LIGHT PAD FOR VISIBLE STAINS (20 x 14cm)	NA
BLUE CONVERTER SCREEN	OPTIONAL
SLIDE-OUT UV TRANSILLUMINATOR 254, 302, 365nm, (VARIOUS SIZES AVAILABLE)	OPTIONAL
EDGE LIGHTING UNIT	NA
DIMENSIONS	
MAX IMAGE AREA (CM)	15 x 12
MIN IMAGE AREA (CM)	10 x 8
W x H x D (CM)	40 x 64 x 52
WEIGHT (KG)	APPROX. 40
POWER INPUT (V)	100-240

## workflow

- The items shown adjacent are included with the WESTERNFLOWXS package
- For the WESTERNFLOWXSRGB package the following additional products are supplied:
- CS-FBL (525nm), CS-FGL (605nm), CS-FRL (705nm) Filters
- CHEMIMOD-XS-RGB LED lighting option covering Red, Green and Blue



## ORDERING INFORMATION

ChemiPRO-XS6-E*	chemiPRO XS 6 MP camera Imaging System without UVT, 230V, 50Hz		
ChemiPRO-XS9-E*	chemiPRO XS 9 MP camera Imaging System without UVT, 230V, 50Hz		
WesternFlowXS*	Complete Mini Western Blotting Workflow kit including vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO XS 6MP chemiluminescence imaging system		
WesternFlowXSRGB*	Complete Mini RGB Blotting Package with chemiPRO XS 6MP chemiluminescence imaging system		
CS-2020M-E*	Transilluminator (20 x 20cm; 302nm) 230V, 50Hz	CS-FGL	605nm Filter for green light (range 594-610nm)
CHEMIMOD-XS-RGBIR	HI-LED Lighting option covering Red, Green, Blue and InfraRed	CS-FRL	705nm Filter for red light (range 700-720nm)
CS-FIR	800nm filter for IR light (range 809-876nm)	WLC-3023	Visible light converter screen, 30x23cm
CS-FBL	525nm Filter for blue light (range 516-539m)		

\* Other voltage/Hz combinations available; † only available for XL model