

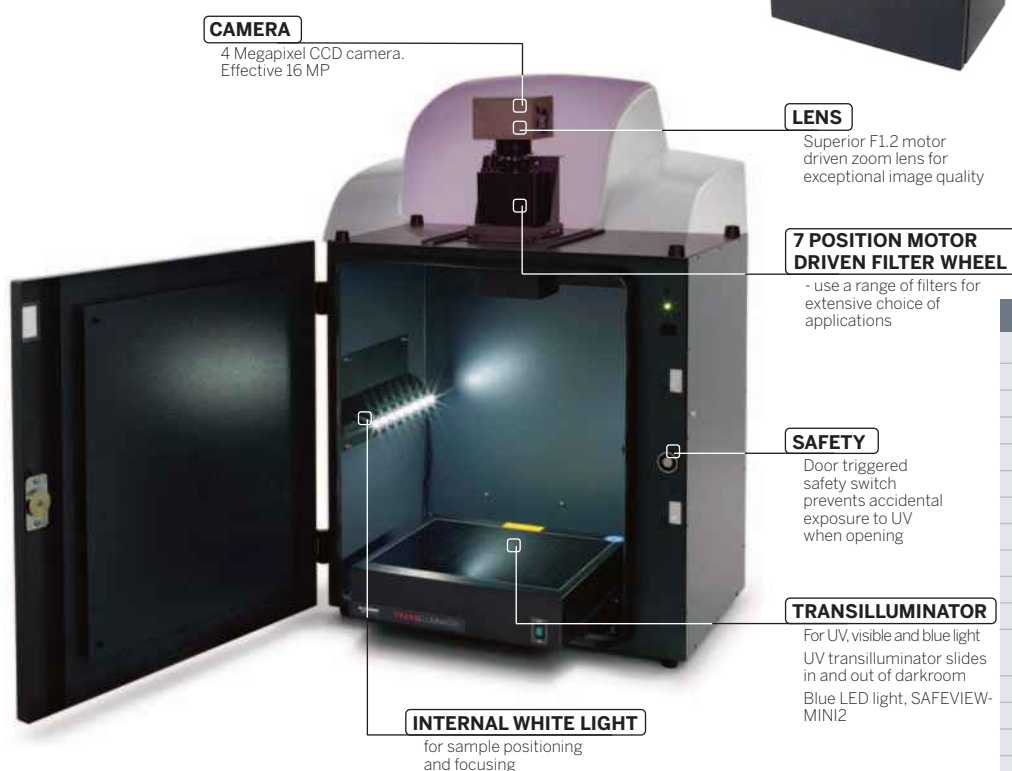
chemiPRO offers a complete solution for all imaging requirements at an affordable price. This advanced comprehensive Chemiluminescence Imaging system enables imaging of protein, DNA, RNA gel plus chemiluminescence and fluorescence blots as well as in vivo imaging.

This automated versatile imaging system can be fully expanded and tailored to the user's workflow, with upgradeable lighting options to enable fluorescence imaging and multiplexing acquisition of gels and blots. The 16 effective MP camera generates high quality and resolution images suitable for publications and accurate analysis.



KEY FEATURES

- High quantum efficiency (QE) cooled CCD camera for excellent signal to noise ratio
- Multiplex imaging of up to 5 different channels with UV RGB HI-LED lighting options – Multiple filters available
- HI-LED RGBIR lighting (optional) are up to 200 times brighter than standard LEDs for improved sensitivity
- Stain-free imaging capability
- Auto-exposure and protocol driven image capture features



TECHNICAL SPECIFICATIONS

CAMERA	
IMAGE RESOLUTION (MEGAPIXELS)	4
EFFECTIVE RESOLUTION (MEGAPIXELS)	16
CAMERA SENSOR	CCD
COOLING - REGULATED	-57°C
A/D	16 BIT
GREYSCALE	65,536
DYNAMIC RANGE OD	4.8
QUANTUM EFFICIENCY (@ 425NM)	73%
LENS (MOTOR DRIVEN)	F1.2 ZOOM
STAGE	FIXED
FILTER WHEEL (7-POSITION MOTOR DRIVEN)	ALL FLOURESCENCE APPLICATIONS
UV FILTER	YES
USE WITH EXTERNAL PC AND PRINTER	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
BLUE CONVERTER SCREEN	OPTIONAL
SLIDE-OUT UV TRANSILLUMINATOR 302NM, (VARIOUS SIZES AVAILABLE)	OPTIONAL
EDGE LIGHTING UNIT	No
DIMENSIONS	
MAXIMUM IMAGE AREA (CM)	32.5 x 24.1
MINIMUM IMAGE AREA (CM)	5.6 x 4.2
W x H x D (CM)	57 x 84 x 45
WEIGHT (KG)	37
SUPPLY VOLTAGE (V AC)	115 / 240

workflow

- WesternFlowPRO systems include omniPAGE electrophoresis gel chambers, powerPRO 3AMP power supply, semi-dry blotter, PAGE and blotting reagents and chemiPRO imaging system
- Optional RGB module for imaging fluorescent antibodies and dyes
- UV transilluminator included



ORDERING INFORMATION

ChemiPRO	chemiPRO Complete System 100-240V (Chemi Only, No UV Transilluminator)
ChemiPRO-302E*	chemiPRO 240V/50Hz with 302nm 230V 50Hz (Europe) UV Transilluminator, 25x30cm
WesternFlowPROMINI*	Complete Mini Western Blotting Workflow kit including mini vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system
WesternFlowPROMAXI*	Complete Maxi Western Blotting Workflow kit including large vertical gel tank, semi-dry blotter, power supply, reagents and chemiPRO chemiluminescence imaging system
CS-BLC	UV to Blue Light converter, 25x30cm suitable for DNA safe dyes
CS-WLC	UV to Visible Light converter, 30.5x33cm
CS-EPIUV	2 x UV module – with 302nm tubes (for TLC plates)
CHEMIMOD-RGBIR	chemiPRO RGB & IR HI-LED Lighting Module
CS-FIR	800nm filter for IR light (range 809-876nm)
CS-FBL	525nm Filter for blue light (range 516-539m)
CS-FGL	605nm Filter for green light (range 594-610nm)
CS-FRL	705nm Filter for red light (range 700-720nm)

* Other voltage/Hz combinations available