

Low cost, all-in-one gel imaging, gelONE features an in built touch screen and processor running dedicated imaging software

gelONE with automated acquisition through an intuitive touch screen interface offers the perfect solution for gel imaging. Compatible with both traditional DNA stains and safe stains, gelONE is suitable for any lab.

Images are captured using the built in software, and saved direct to USB memory sticks for transfer to PC. The geneQUANT advanced image analysis package is included with all systems, license free.



#### CAMERA & LENS

5 megapixel camera with superior F1.2 motor driven zoom lens for exceptional image quality

#### 7" BUILT-IN SCREEN INTEGRATED COMPUTER

Automated acquisition through an intuitive touch screen interface

#### INTERNAL WHITE

LIGHT for sample positioning and focusing

#### TRANSILLUMINATOR

For UV, visible and blue light  
UV transilluminator slides in and out of darkroom  
Blue LED light, SAFEVIEW-MINI2  
Sits on a slide in and out tray

#### SAFETY

Door triggered safety switch prevents accidental exposure to UV

## KEY FEATURES

- Integrated 7" touch screen computer dedicated to imaging for efficient acquisition
- 5 megapixel camera with excellent low light sensitivity
- 20 x 24 cm 302nm UV transilluminator enables imaging of large format gels
- Printer connects directly to gelONE – options available: P95DW MITSUBISHI DIGITAL THERMAL PRINTER; CANON SELPHY CP1200
- Safety switch prevents accidental UV exposure

## TECHNICAL SPECIFICATIONS

<b>CAMERA</b>	5 MILLION PIXEL
SENSOR	1/2.5 INCH
BIT DEPTH	12/16 BIT
GREYSCALE	65,536
DYNAMIC RANGE	3.6/4.8 (EXTENDED)
LENS	8 - 48MM F/1.2
VIEWING AREA	20 x 24CM
<b>ILLUMINATION</b>	
SLIM TRANSILLUMINATOR 20 x 24cm	UV 302NM
BLUE CONVERTER SCREEN 21 x 26cm	OPTION
VISIBLE LIGHT CONVERTER	OPTION
WHITE EPI	YES
7 INCH TOUCH SCREEN	
<b>SOFTWARE</b>	
IMAGE CAPTURE	YES
GENEQUANT ANALYSIS	YES
<b>PRINTER OPTIONS</b>	
	P95DW MITSUBISHI DIGITAL THERMAL PRINTER CANON SELPHY CP1200
<b>PAPER AND INK</b>	K65HM THERMAL PAPER, MATT K91HG THERMAL PAPER, GLOSSY CANON KP-1081N
<b>SIZE</b>	
DIMENSIONS (H x D x W) CM	75 x 31 x 45
WEIGHT	20 KG

## workflow

- gelONEPACK includes multiSUB Choice electrophoresis system, powerPRO 300 power supply, agarose gel reagents and gelONE all-in-one imaging system
- Everything required, to go from gel loading to gel imaging and quantification



Gel Tank



Power Supply



TAE Buffer



runSAFE DNA Stain



DNA Ladder



100g Agarose



Gel Scoop



gelONE

## ORDERING INFORMATION

gelONE-E*	Gel Documentation System with in built touch screen and software, with large UVT, 230V, 50Hz		
gelONEPACK*	Complete Gel Documentation Workflow kit including gelONE gel documentation system, multiSUB Choice agarose gel tank, reagents and accessories.		
WLC-3023	White light converter screen for gelLITE/gelONE	CS-MATTP	Thermal paper, Matt, 1 roll
BLC-2126	Blue light converter screen for gelLITE/gelONE	CS-GLOSSP	Thermal paper, Glossy, 1 roll
UVSHIELD2020	UV Blocking Shield for gelLITE and gelONE	GELONE-NETUSB	Network dongle
CSL-PRINTUSB	Mitsubishi Digital Thermal Printer		

\* Other voltage/Hz combinations available