

Multifunctional Imaging System

Chemiluminescence & Gel Imaging

☒ WB Membrane Imaging

☒ Nucleic Acid Gel Imaging

☒ Protein Gel Imaging

☒ Nucleic Acid Gel Cutting



6 MAJOR ADVANTAGES

Electric Lens

Can automatically adjust aperture and focal length

UV Light

Uses UV LED excitation light source, with longer life and higher efficiency

Real-time Imaging

Real-time presentation of signal changes during the exposure process

Time-lapse Imaging

Precisely trace back and output any frame of image

Time Accumulation

Option to continue exposure for additional effects

Auto Exposure

Intelligent exposure technology calculates the optimal exposure time



1 10.4-inch Touchscreen Computer

Simple and Intuitive

2 Filter Wheel

Automatically adjusts to select the corresponding filter

3 Downward LED White Light Source

Distributed on the Left and Right Sides

4 Lens Components

Fast, accurate, flexible, and efficient

5 Electric Lens

Can automatically adjust aperture and focal length

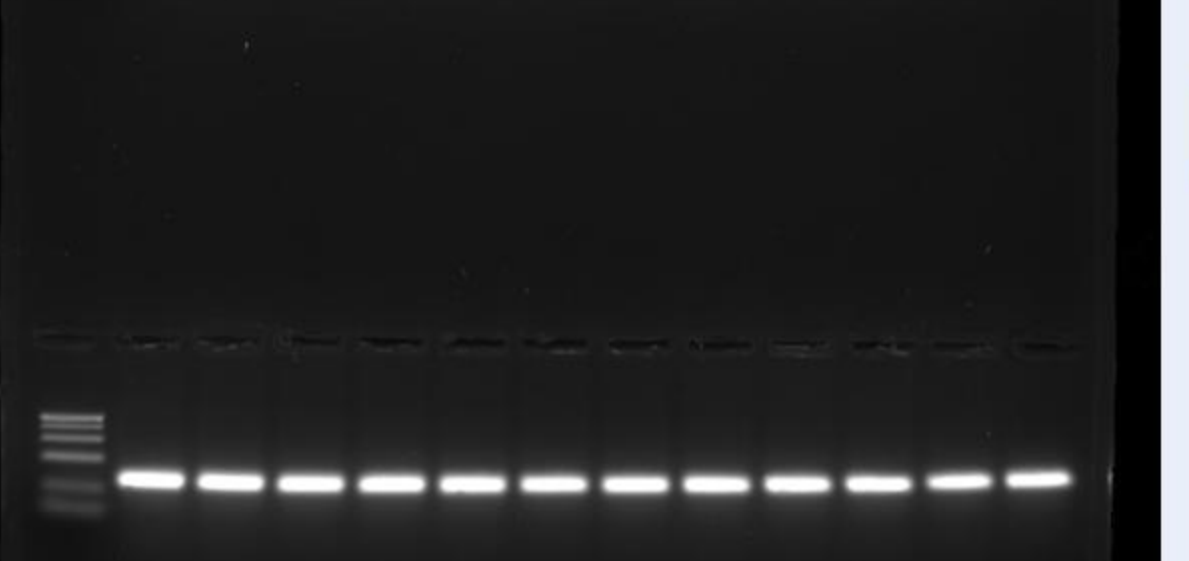
6 Imaging Dark Box

Complete light avoidance

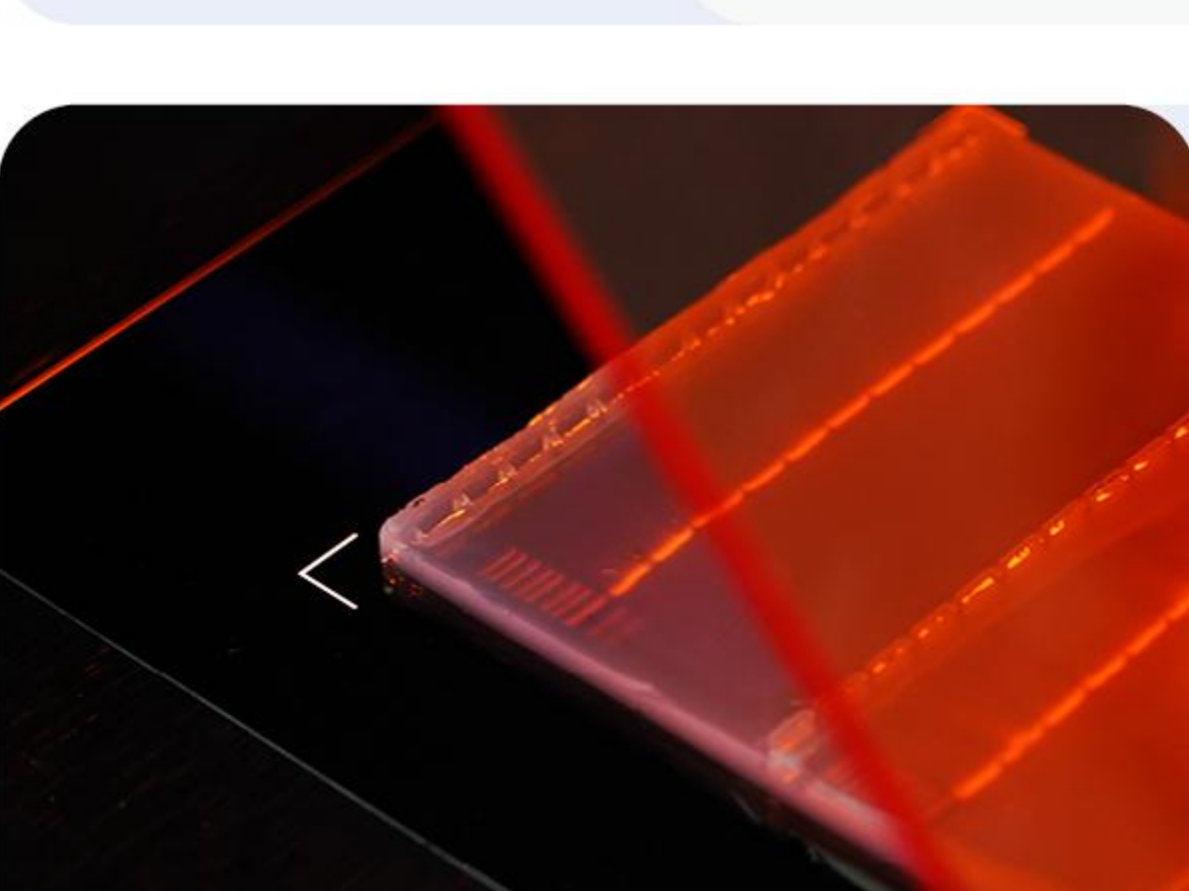
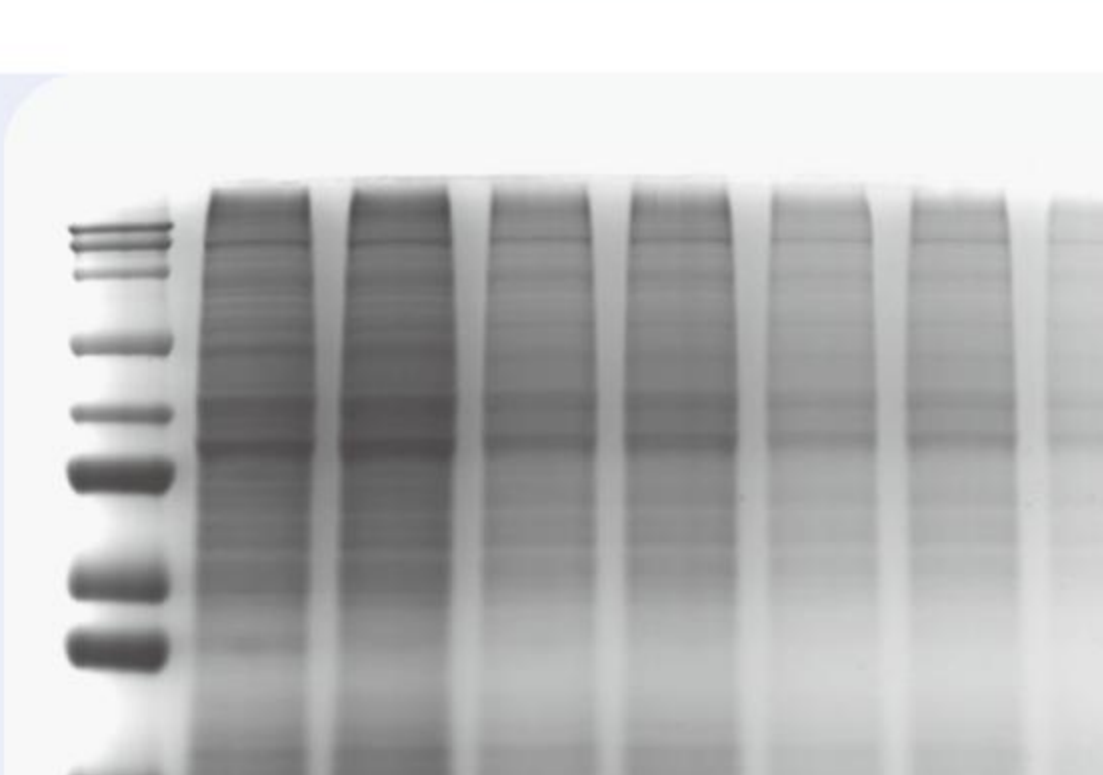
7 UV Light Box

More uniform light source, longer service life

WB Membrane Detection

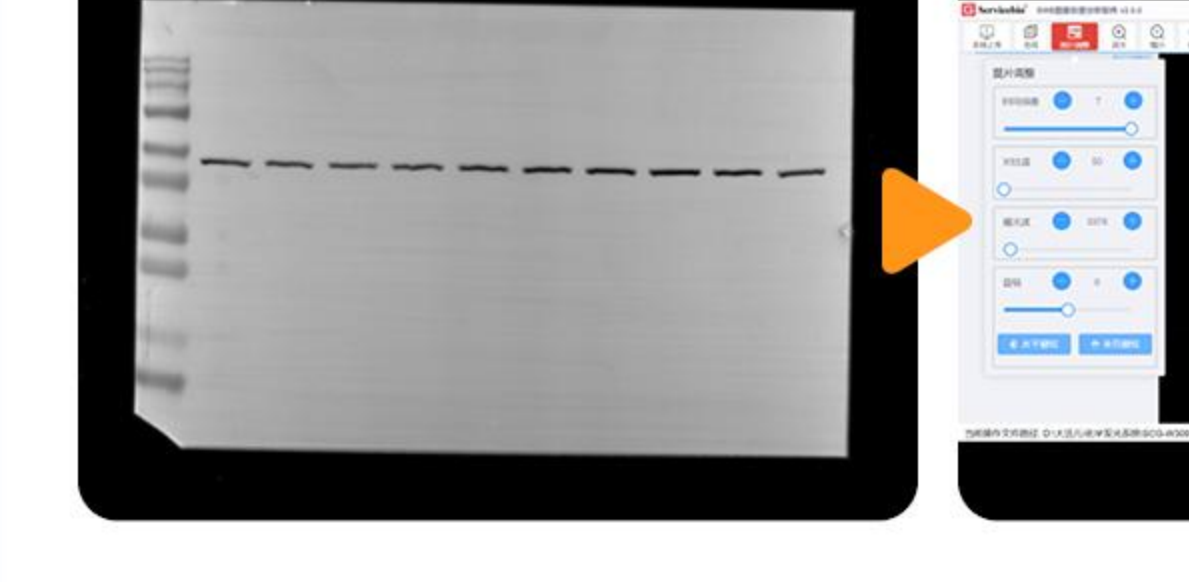


Consider Both Strong and Weak Signals



Nucleic Acid Gel Imaging

Protein Gel Imaging

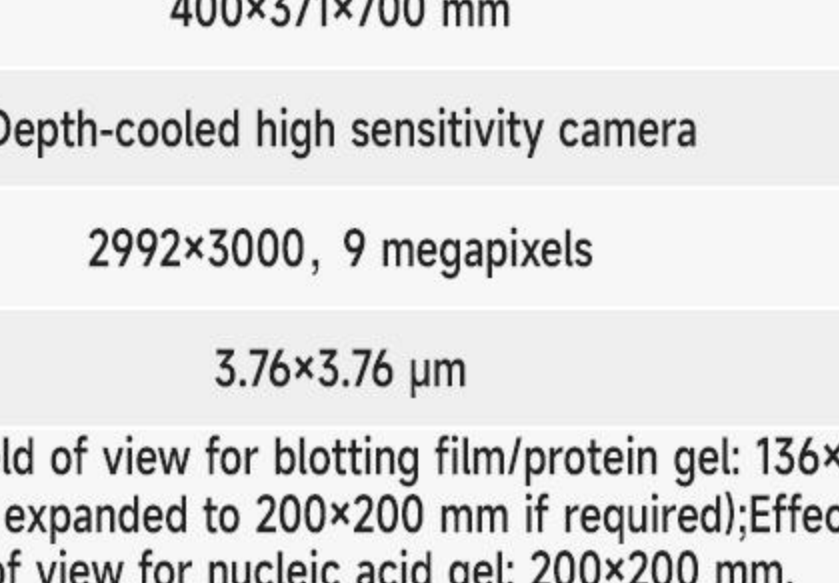


Gel Cutting

Imaging Grayscale Analysis Software

5s-exposed Effect Image, Unsatisfied

Adjust The Results Using Analysis Software



7s-exposed Effect Image

11s-exposed Effect Image

Product Parameters

Cat. No.	SCG-W5000
Dimension	400×371×700 mm
Camera	Depth-cooled high sensitivity camera
Resolution	2992×3000, 9 megapixels
Pixel	3.76×3.76 μm
Shooting Area	Effective field of view for blotting film/protein gel: 136×136 mm (can be expanded to 200×200 mm if required);Effective field of view for nucleic acid gel: 200×200 mm.
Cooling Temperature	Relative ambient temperature -40° C
Light Source	Bright-field Light Source: Downward-facing LED white light source, symmetrically distributed on both sides.UV Light Source: 310 nm LED array for uniform transmission illumination.
Industrial Computer	10.4 inches, 1024×768 Windows operating system
External Interface	2 USB3.0
Working Voltage	100 V-240 V
Product Power	200 W
Net Weight	30 kg
Real-Time Imaging	Yes
Time Imaging	Yes
Time Accumulation	Yes
Auto Exposure	Yes
Choice of 3 Imaging Modes	Yes
Protein Gel/Nucleic Acid Gel Imaging	Yes
Nucleic Acid Gel Cutting	Yes
Packaging	1 set/ctn
Carton Size (L*W*H)	50*47*85 cm
Gross Weight	35 kg
Certificate	CE, RoHS