



# All In One Gel Imaging Analysis System

Highly integrated and fully automatic, simple interface, main interface oriented display shooting button and time control, easy to operate, no manual tedious debugging.

Touch system  
12.5 inch high-definition touch screen

Sample table  
Area 21 \* 21cm



Hypersensitive camera lens  
6-12 million options



## Product features

New module design, with fast focusing high-resolution CCD camera, less noise, high sensitivity, large resolution, F1.0 high-throughput 20 million high-definition auto focusing lens, and multi-layer coating special filter. .



Camera lens  
Adopt dark field camera module F1.0 Super aperture 20 million Solutions Analyticity



Touch system  
12.5 inch touch HD display  
One touch imaging, intelligent processing system



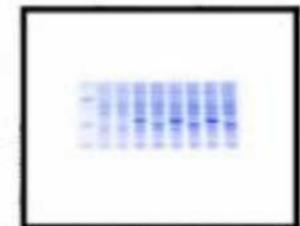
Special filter  
Multilayer coated filter is adopted Passing of absolute stray light .



UV sample table  
Shadowless ultraviolet glass  
Tube background fluorescence.



Blue light sample table  
Optional blue light sample table, Applicable Fluorescent dye

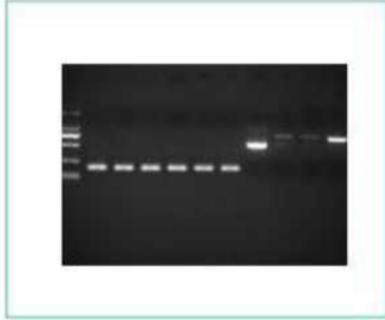


White light sample plate  
White light conversion sample plate

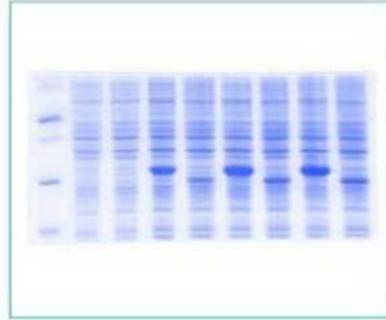


## Product application

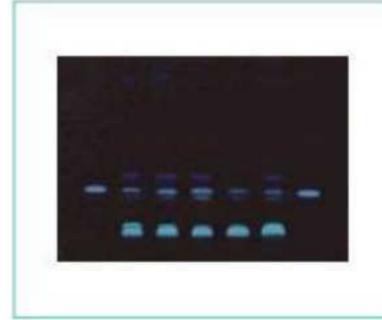
Nucleic acid detection with various fluorescent dyes such as EB, SYBRGold, SYBR Green, SYBR Safe, Gel redGel, GreenTexasRed, Fluorescein labeled DNA/RNA, etc



DNA gel imaging



Page gel imaging



Thin layer chromatography



Colony count

## Product parameters

Model	AE-GEL300	AE-GEL500
Pixe	6 million pixels	12 million pixels
Exposure	1ms-5000ms	1ms-60min
Photosensitive efficiency	High QE:≥79%	High QE:≥79%
Pixel Merge	1 x 1	1 x 1
Electric lens	F=1:1.0 20million auto focus lens	F=1:1.2 20million auto focus lens
Dynamic range	≥ 4.8 orders of magnitude	
Image density	16 bit (0-65535 colors)	
Ultraviolet transmission	302nm,optional transmission blue light	
White light reflection	LED reflection (cold light)	
White light transmission	White light conversion sample plate	
Filter lens	590nm standard configuration,others optional	
Shooting area	Shooting area:21 x 21cm	
Timed close	1~60 minutes	
Touch system	12.5 inch touch	