

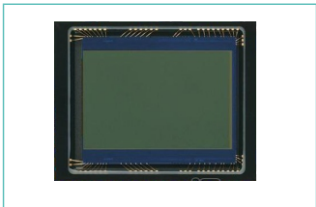
◆ Automatic Gel Imaging and Analysis System

OI Automatic Gel Imaging and Analysis System is a highly integrated and fully automated gel imaging system, system interface is simple and practical, the main interface has shooting button and time control to guide the user, it is very easy to operate, no need to have manual and tedious debug, it is your best choice.



Product features

High-resolution CCD camera, high sensitivity, high resolution, with automatic focus and high performance 6 times len, specialized filter for nucleic acid dye



CCD Camera



Autofocus Lens



Multilayer coating Filter

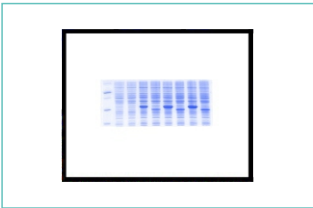
Specialized overlay glue cutting filter, compared with the traditional one, it has many advantages, easy to operate, can prevent UV and blue light damage, no need to operate in dark room, work very well under strong light condition The white light sample plate is used for SDS-PAGE glue samples shooting



UV sample plate



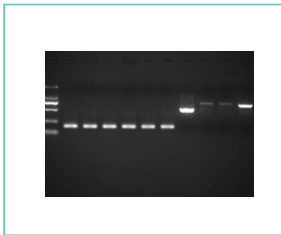
glue cutting filter



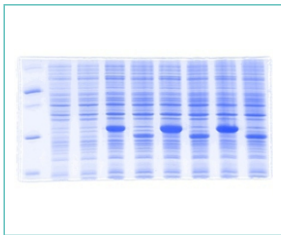
white sample plate

Product Application

It can be used to do nucleic acid test for various fluorescent dyes, such as EB, SYBRGold, SYBR Green, SYBR Safe, Gel Red Gel Green Texas, Red, Fluorescein marked DNA/RNA



DNA gel imaging



SDS-PAGE Imaging



Thin-layer chromatography



Colony counting

Technical Parameters

Mode	BK-AG1000	BK-AG2000
Pixel	2592×1944(5.03MP)	3000 × 4000 (12MP)
Exposure Time	1ms-3000ms	1ms- 60min
QE value	High QE: >65%	High QE: >75%
Binning	1×1	1×1 2x2 4x4
Bit Depth	16 bit (0 - 65535)	
OD	≥4.8 OD	
Lens	F=1.4,20 million auto focus lens	
Trans-UV	302nm	
Epi-White	LED	
Trans-White	UV to white sample plate	
Epi-UV	254nm、302nm、365nm for option	
Filters	590nm, Others for option	
UV area	21×21cm	
Timing off	1~60 mins	

