



Transilluminators & Imaging Systems



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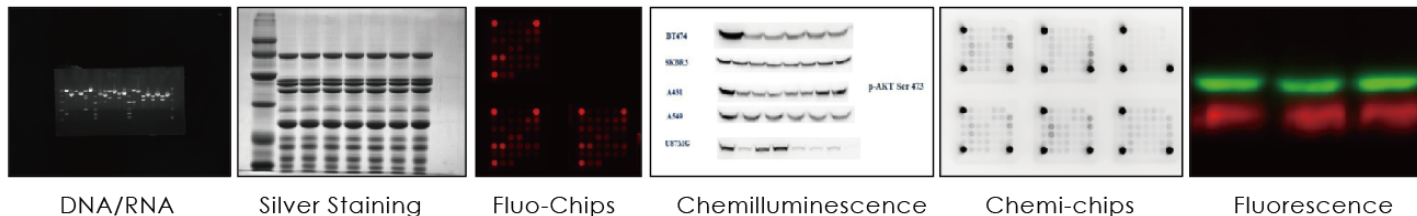


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Gel Documentation System IGS-2000 Series covers chemiluminescence and multiplexing fluorescence applications. Ideal for reproducible and comparable quantification data. Add a UV transmission, UV+BLUE light transmission, UV+BLUE+White light transmission, and UV+BLUE+White transmission and RGB reflection. The scientific CCD camera is controllable from PC. , operation mode convertor, multi fluorescence mode, ultra-slim transilluminator for blue light and white light transmission, and UV transilluminator contain a non-lamp design for uniform transmission. Applicable for blotting membrane such as western lightning, ECL, ECL plus, CDP star, super signal, CSPD, LumiGlo, Cy2, Cy3, Cy5, FITC, Alexa dyes, daylight dyes, ProQDiamond, ProQEmerald 300, ProQEmerald 488, IR Dye 680, etc.; protein inspection and Gel Inspection. The system is built for high performance and automation and features a next-generation, and compatible with 8 Sockets filter wheel. Build-in software for image enhancement, editing, and image analysis. Detect far weaker signal and offer higher sensitivity and wider linear range, human-computer interactive program.

- The system is supplied complete 6.05 MP, 2750×2200 16 bit(65536 grayscale), CCD camera
- F0.8 motorized ultrafast lens and 8 sockets filter wheel
- Excitation Light include UV Light Ex365, Blue Light Ex470, Green Light Ex530, Red Light Ex630, Near-infrared Ex660, Near-infrared Ex770
- Unique filters facilities: m460/30F, Em460/31F, Em460/32F, Em460/33F, Em460/34F, Em460/35F
- Design with the front panel through reaction injection moulding
- Switchable operation mode
- UV SMART trans illuminator
- Manufactured with blue and white light trans-illuminator
- Design with 3 sample tray such as super-slim white LED, super slim blue LED(470 nm) and UV Smart UV trans-illuminator(302 nm)
- Greater sensitivity and compatible with 8 Sockets filter wheel
- Used for DNA/RNA, silver staining, fluo-chips, Chemilluminescence, chemo-chips, fluorescence

Application



Model	IGS-2010	IGS-2020	IGS-2030
Lens	F0.8 motorized ultrafast	F0.95 motorized ultrafast	F0.8 motorized ultrafast
Type	-	Embedded industry computer with touch screen	
Sensor	12.49×9.99 mm CCD sensor		
Camera	CCD camera		
Resolution	6.05 MP, 2750×2200		
Efficiency	775%		
Pixel Size	4.54×4.54 μm		
Pixel Density	16 bit(65536 gray scale)		
Filter Wheel	8 sockets filter wheel		
Cooling Temperature	-25℃		
Excitation Light	UV Light Ex365, Blue Light Ex470, Green Light Ex530, Red Light Ex630, Near infrared Ex660, Near infrared Ex770		
Filters	Em460/30F, Em460/31F, Em460/32F, Em460/33F, Em460/34F, Em460/35F		
Internal Dimension	430×380×690 mm		
External Dimension	550×490×760 mm		
Weight	33 kg		
Catalogue No.	3403005-04	3403010-04	3403015-04

