

WSE-5400 Printgraph Classic

Gel Documentation System



Name is 「Classic」.

But, applied new technology!

ATTO has been sold Printgraph series 4000 units.
New released Printgraph series "Classic".

Feature

"WSE-5400 Printgraph Classic" 시리즈는 3M 픽셀의 고해상도 Color CMOS를 탑재한 Gel Documentation 시스템입니다. UV light 를이용하여 형광 염색된 DNA gel 을 촬영할 수 있으며 부가 옵션인 LED light plate "Flat Viewer"를 장착하면 CBB 패턴도 촬영할 수 있습니다. 터치패널 또는 PC로 가동하며 USB 메모리로 직접 저장할 수 있습니다. SONY thermal printer를 직접 연결하여 간편하게 인쇄할 수 있습니다.



Color CMOS Camera
고화질 2048 x 1536 화소

Double door & Peeping window
Gel cutting for cloning

10" Touch LCD system



SONY UP-D898MD
Thermal printer

WUV-M20 UV light box
312 nm trans-UV

Operation

Live Image — points to the central gel image.

- Auto** — Auto exposure time adjustment
- Zoom** — 1 × ~ 8 × (0.2 × /1 × step)
- Exposure control icon** — manual up/down : 1msec ~ 10sec
- Print** — Print out
- Save** — Save an image to USB memory
- Grid / Freeze / Config** — Grid / Freeze / Config

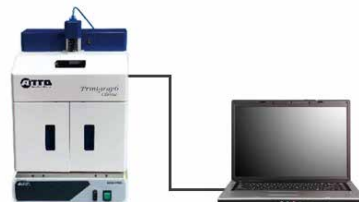
Control



Touch LCD system
WSE-5400-S 제외 모든 모델

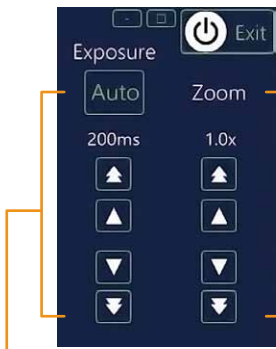


Mouse
WSE-5400-S 제외 모든 모델
(마우스 별도)



PC
WSE-5400-S 모델
(PC 별도)

Zoom & Exposure



Zoom

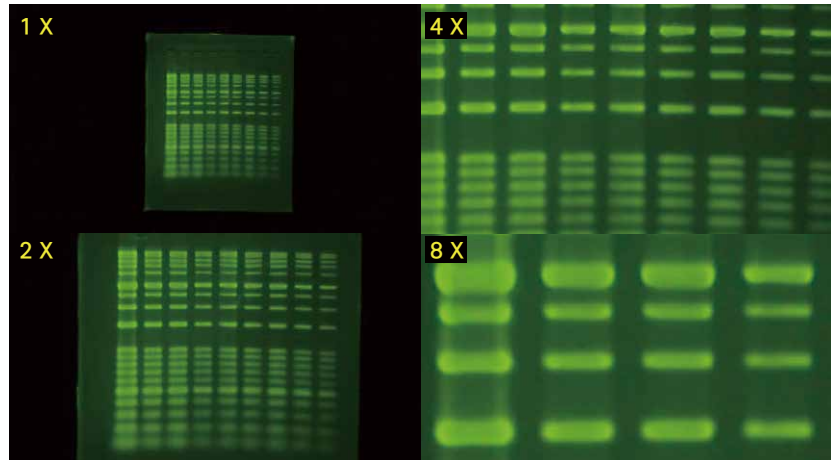
- Scale : 1 x ~ 8 x
- 0.2 x step or 1 x step

Digital Zoom

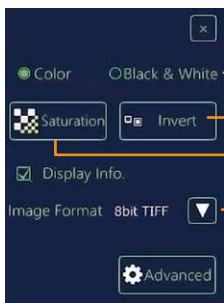
고화질 이미지를 얻을 수 있는 개선된 Digital zoom
저장된 파일도 zoom 가능

Exposure

- Auto
- Manual : 1 msec ~ 10 sec



Monochrome ⇄ Color



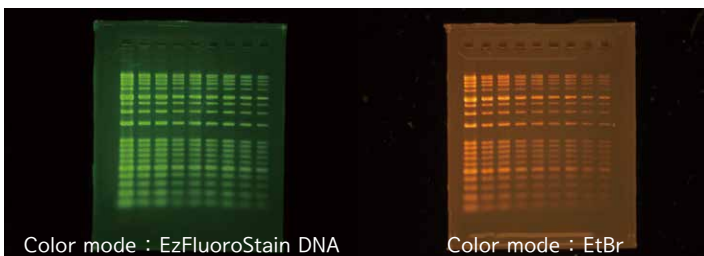
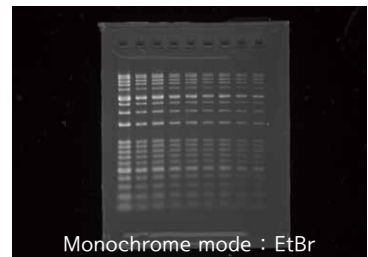
Swichable color/monochrome

- Color / monochrome 스위칭
- 흑백 반전을 위한 Invert 기능
- Saturation 감지 기능
- File Format : TIFF/JPG/BMP 8bit, TIFF 16bit

Color CMOS camera images

After Agarose DNA electrophoresis,
· Ethidium Bromide stained (Red)
· EzFluoroStain DNA stained (Green)

EtBr, Safe Dye 등 모든 DNA 염색용 형광 dye 검출 가능



Information

Specification

Composition	WSE-5400 Printgraph Classic
Camera	High sensitive Color CMOS (3 M Pixels)
	2048 x 1536 Resolution, Color/Monochrome switchable
Lens	F1.4 12mm Single focal lens
Zoom	x 1~8 (Touch LCD system) , x 0.2 Step / x 1 Step
Detecting area	25 mm (W) x 18 mm (D) ~ 200 mm (W) x 150 mm (H)
Operation system	10 inch touch panel LCD or PC
Filter	Orange filter (50 mm)
Exposure time	1 msec ~ 10 sec, Manual/Auto
Saturation detecting	White level
Image	Convert white&Black / Grid / Color mode / Monochrome mode
Saving an data	USB Memory, 8bit TIFF / BMP / JPEG16bit TIFF
Size / Weight	Cabinet : 340 (W) x 275 (D) x 437 mm (H), 0 kg
	Touch system : 264 (W) x 150 (D) x 222 mm (H), 2.5 kg



CSA 4 ATTO
Densitometry Software
CS Analyzer 4

Western Blot 결과와 DNA, 단백질 전기영동 결과를 다양하게 분석할 수 있는 ATTO의 분석 프로그램입니다. Normalization, Free Rotation 등 차별화 된 기능을 눌러보세요.

※ 별도 판매

Composition

	WSE-5400-UP	WSE-5400-P	WSE-5400-U	WSE-5400	WSE-5400-S
Main Unit	●	●	●	●	●
Touch LCD system	●	●	●	●	×
Printer (UP-X898)	●	●	×	×	×
UV light box (WUV-M20)	●	×	●	×	×
System Image					

Ordering Information

Code No.	Model name Parts	Qt
2305420	WSE-5400-S Printgraph Classic Printgraph Classic main unit	1 Unit
2305403	WSE-5400-UP Printgraph Classic Printgraph Classic main unit Touch LCD system UV box Printer	1 Set
2305402	WSE-5400-P Printgraph Classic Printgraph Classic main unit Touch LCD system Printer	1 Set
2305401	WSE-5400-U Printgraph Classic Printgraph Classic main unit Touch LCD system UV box	1 Set
2305400	WSE-5400 Printgraph Classic Printgraph Classic main unit Touch LCD system	1 Set
3532197	WUV-M20 UV light box 312nm	1 unit
2305425	PC connection kit for WSE-5400	1 set
2110040	ImageSaverT (Control software for WSE-5400)	1 pc
2305424	Filter for WSE-5400	1 pc
2140202	SONY Thermal printer UP-X898MD	1 unit
2140913	Printer paper UP-110HG 10 rolls	1 pack
2008151	WSE-5600 CyanoView(Cyan LED) Unit	1 unit
2196160	Flat Viewer (White LED light source)	1 unit
2305423	Extension AC adapter for WSE-5400	1 pc

PC 연결은
이렇게 구성하세요.

- 2305420 WSE-5400-S
- 2110040 ImageSaverT
- 2305425 PC connection kit
- 3532197 WUV-M20 UV light box



부가 장치



WUV-M20
UV light box



UP-D898MD
Thermal Printer



WSE-5600 CyanoView



Flat Viewer



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0,000 001 = 10⁻⁶ micro
0,000 000 001 = 10⁻⁹ nano
0,000 000 000 001 = 10⁻¹² pico
0,000 000 000 000 001 = 10⁻¹⁵ femto
0,000 000 000 000 000 001 = 10⁻¹⁸ atto

