

DMB-I

Automated
Digital Microscope Frame

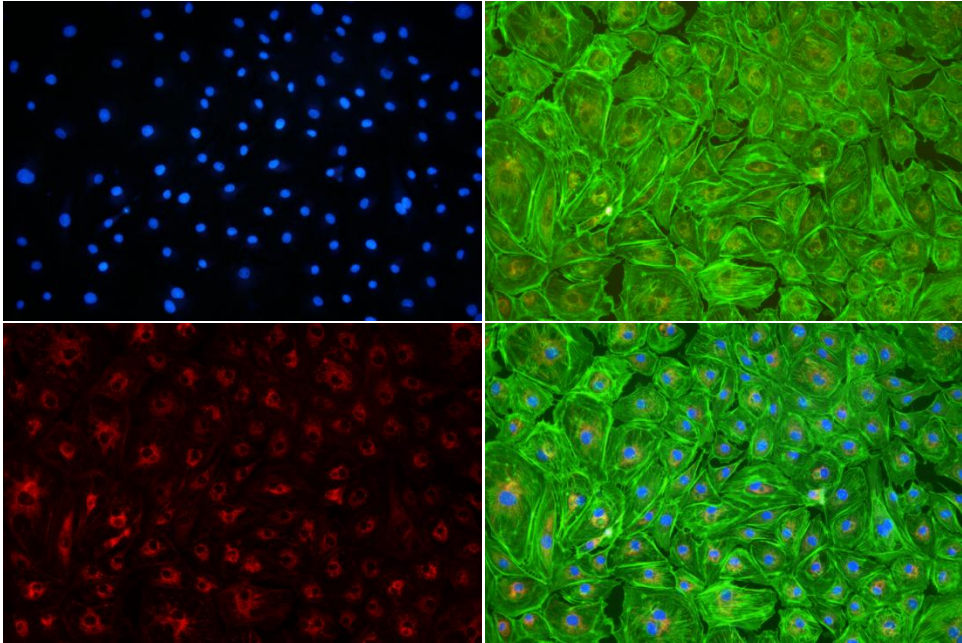


Features and Benefits

- Inverted Fluorescence microscope
- 5 color fluorescence imaging
- Bright Field imaging
- Automated X,Y,Z Stage
- Automated Filter wheel changer
- Slide glass, Well plate, Petri dish 등 대응



Sample images



Accessories



<Sample plate>

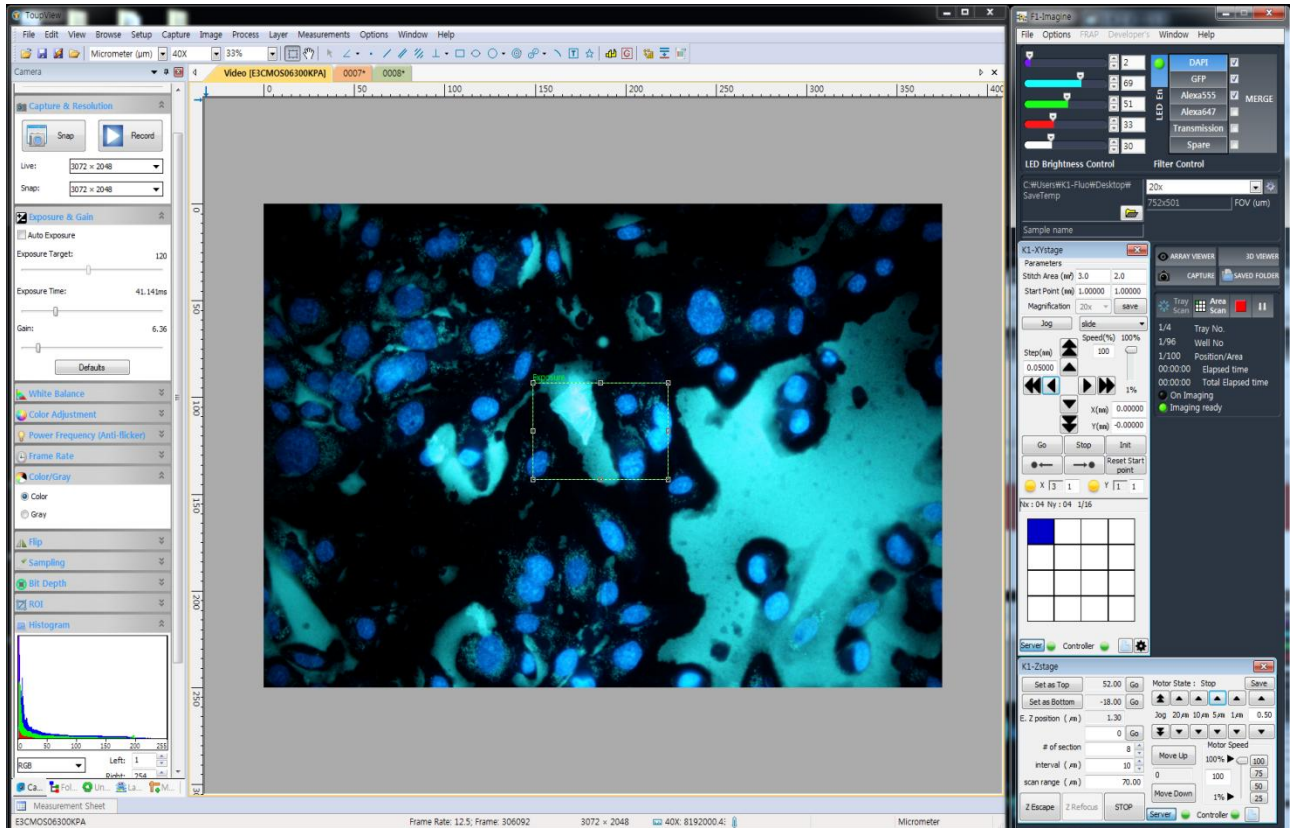


<Well plate scan>

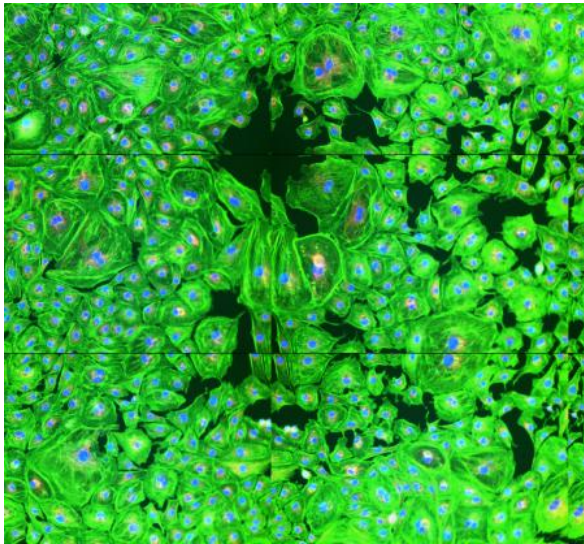


<Jog dial>

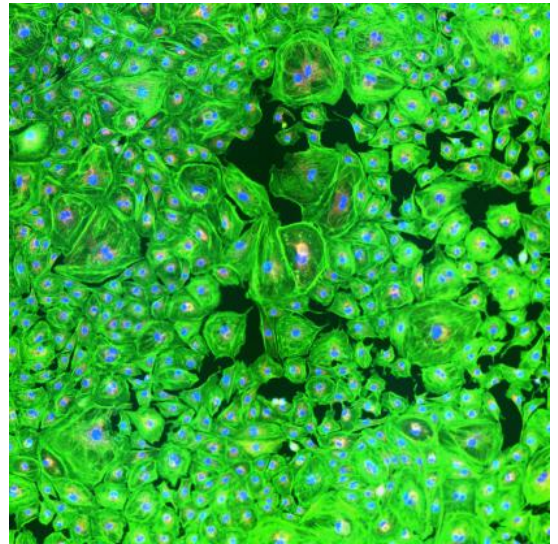
Imaging Software



Stitching



Stitching 원본 (Multi-point 이미지)



Stitching 실행 결과 (Multi-point 이미지)

- 최대 stitch 면적
 - 제한없음. (스테이지 이동면적 또는 PC 메모리 용량에 따라 제한됨.)
- Stitching에 포함된 기능
 - 방향보정, 밝기보정, 이미지 매칭 기능 등.

- 20x 대물렌즈
- 3 color
- 3x2mm 측정 (4x4, 총 16장)
- 노출시간 110msec
- 측정시간 약 68초

Specifications

Optical System	Inverted fluorescence microscope
Automated Functions	Area stitching Full Focus (on going) Time Lapse (on going) Auto Focus (on going)
Automated hardware	XY stage Focus stage Filter changer LED changer LED shutter Revolving turret
Imaging method	Fluorescence, BrightField
Imaging channels	5
Camera	Color / Monochrome
Sample holder	Well plate (384,96 etc.) Slide glass Petri dish
Objective Lens	4x 10x 20x 40x 60x 100x
Size	235 x 178 x 374 mm (nominal)
Options	Stage Jog Dial
