SNAP   STITCH   Z STACK

Store focus All   Not changing All

DAPI	9.6477	Store focus / Not changing
GFP	9.6468	Store focus / Not changing
RFP	9.6468	Store focus / Not changing
Cy5	—	Store focus / Not changing
Trans.	—	Store focus / Not changing
Spare	—	Store focus / Not changing

Image Size   2448 * 2048
AVG   [1]
☐ Deconvolution
☐ Time lapse
   ☐ Always turn on LED
    Period (second)   [60]   00:01.00
    Number   [100]
    Total period (second)   [6000]   01:40.00
☐ Multi point

Snap Exe.

(Temp)134842-Snap
(Temp)13461...
(Temp)13445...

Temp

Scale / Split
Specific line
Horizontal line
Vertical line
Ellipse area
Rectangle area
Polygonal area

Single View

Zoom   37%   DAPI   OFF   RFP

Live   OFF

DAPI	Cy5
GFP	Trans.
RFP	Spare

Image size   2448 * 2048
Obj. Lens   2:UPlanFL N 40x/0.75
LED Brightness   100
Exposure Time   94.4
Gain   3

[Uint : mm]   INIT   [Uint : um]   AF   Sample Exchange

Trans.LED
Trans.PMT

ABM

Automatic Biological Microscope
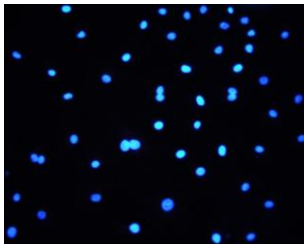
NANOSCOPE SYSTEMS

Features and Benefits

- Inverted fluorescence microscope
- 5 color fluorescence imaging
- DIC(differential interference contrast) imaging
- Phase contrast imaging
- Bright field imaging
- Observation through eyepieces
- Automated X, Y, Z stages
- Automated objective lens changer
- Automated filter changer
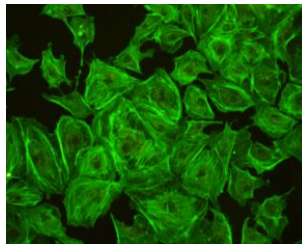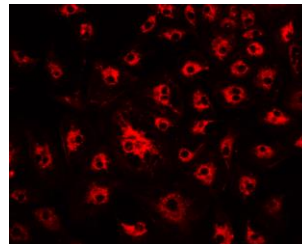- Slide glass, Well plate, Petri dish compatible

Automated Well Plate Scanning

- Image stitching for large area
- Automatic well plates imaging
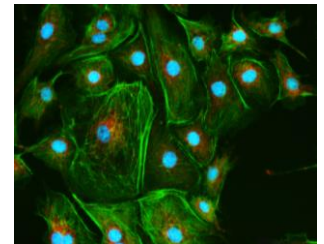- For standard well plate (96, 384, etc. well)

ABM with operation PC & Monitor

| Cell, DAPI | Cell, GFP | Cell, Cy5 | Cell, Merge |

Specifications

Automated functions	Well plate scanning / Z-stack / Time lapse Multi-point stitching / Full focus stitching Auto focus (Image based)
Supported labware	Slide glass, Well plate (6 to 384 wells), Petri dish, etc.
Imaging method	Fluorescence, Bright-field, Phase contrast, DIC, Eyepieces
Filter Cube	DAPI, GFP, RFP, CY5, CFP, YFP, Cy7, TRITC, etc. Custom filters available
Objective lens	1.25X - 100X (Olympus high-grade lens)
Excitation source	High power LED with brightness control
Camera	5M pixels Scientific-grade color camera Or any other standard camera
Image output	2448x2048 pixels (5M pixels Scientific-grade color image) 24-bit color Tiff, PNG, or JPG Video: MP4
Motorized hardware	XY stage (120x75 mm, Covering full range of well plates) Focus stage (15 mm) Filter changer (4 fluorescence and bright-field) Objective lens revolving turret (6 positons) Condenser (70 mm, 5 positions)
Computer / Monitor	External PC / Internal PC (optional) 27" monitor
Power	100-240 VAC, 150 W, 50/60 Hz
Size	39 x 73x 56 [WxDxH] (cm)