

### **EVOS M7000 Brightfield Microscope**

M7000 can scan digital slides or images of tissue sections, cell culture monolayers, smears and of other samples on slides, Petri dishes and plates in both bright-field and epifluorescence modes.

It has a live video recording function for very fast imaging. The acquisition tools has enhanced autofocus algorithms and automated routines for microwell plate assays.

#### **Features:**

Imaging Modes	Epifluorescence and Brightfield
Stage	Motorized XY-scanning stage suitable for experiments with fixed multiple positions
Stage Holder	2-slides holder, Well-plate holder, international adapter
Scan Resolution	2048 x 1536 pixels
Fluorescence Detector	B/W Camera
Transmitted Light Detector	3.2 Megapixels, Color, CMOS
Tile Scan / Mosaic Scan	High resolution imaging of a larger field of view

#### **Objective lenses:**

Magnification	Immersion	Type	Numerical Aperture	Working Distance (mm)
4X	Air	AMEP4980	0.13	10.58
10X	Air	AMEP4981	0.30	7.13
20X	Air	AMEP4982	0.45	6.12
40X	Air	AMEP4983	0.65	1.79
100X	Oil	UPLXAPO	1.45	0.13

#### **LED module:**

Description	Excitation (nm)	Laser
DAPI	405	LED
GFP	488	LED
RFP	561	LED
Cy5	640	LED