

ESTEREO MICROSCOPIO ADVANCED OPTICAL

MODELO. DMS-253



Product summary

The DMS-253 binocular digital liquid crystal microscope has renovated the traditional way of microscopic observation and adopted a modern way of digital imaging. The maximum magnification is 120X. This patented microscope makes the observation more comfortable and thoroughly resolves the fatigue caused by using a traditional microscope at work for a long time. It uses an innovative merging of software technology with electronic circuit technology, combining 8 inches LCD with a microscope to reverting genuine photo and video. This unit integrates magnification, built in LED illumination and imaging, display, storage, archiving and printing for easy exchange, all of which allow for a more convenient operation. This unit is the perfect union of digital and the traditional optics. It can be conveniently applied to testing and inspecting in product assembly, research and teaching fields

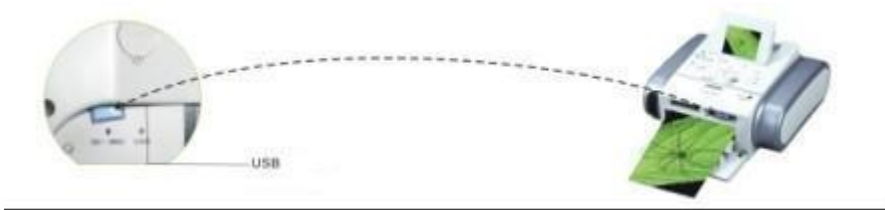
Standard function

1. Traditional binocular optical system, wide vision, view depth and great graphic texture as well as clear view area.
2. Horizontal hand-wheel zooming ,stable and comfortable elevation.
3. 5 MEGA pixels with real time imaging display and camera function
4. Time mark in step;
5. Video recording and video re-playing function.

6. 12VDC power supply safety and reliability of low pressure (Voltage 90-240V)

7. USB Cable for Transferring Images to a PC

8. SD Card slot is for storage, archiving and printing easily, optional memory cards (Maximal Storage Capacity is 4G)



9. Multi-function top LED ring illuminating system., espective four-region on or off



Technical parameters:

Digital Parts	Model	DMS-253
	Pixel	5Mega
	Photo Resolution	2560X1920-640X480
	Video Resolution	640X480
	Sensor Size	1/2.5 Inches
	LCD Screen	8 Inches TFT Screen, Resolution is 800X 600
	Video Output	AV output (NTSC/PAL)
	Data Output	USB2.0
	Menu Language	Chinese / English
	Storage	SD Card Slot with Optional Memory Cards (Maximal Storage Capacity is 4G)
	Scene Mode	Standard,/ Softness,/ Vivid
	Exposure Mode	Auto Exposure
	Date Mode	Year, Month, Day, Hour, Minute
Optical Parts	Viewing Head	Binocular Head, Inclined 45 °
	Eyepiece	SWF10X/22mm
	Zooming Ratio	1:7.0
	Eyepiece Diopter Correction	±5 Diopters
	Working Distance	103mm
	Interpupillary Distance	55mm-75mm
Optional Parts	Objective Zoom Range	0.65X-4.5X
	Eyepiece	10X /20mm with a Reticle, Single Line 10mm/100 ,Cross Hair (0.1mm Micrometer) 15X/20X/25X

	Objective	0.5X/0.75X
	Base Light	Built-in LED Base Illumination: 5W , 45pcs LED bulbs
	Longer Stand and Base:	Using 0.5X Objective Lens ,Working Distance is 175mm (Max)