AUTO FOCUS DIGITAL MICROSCOPE (WITH DISPLAY)
Part No. 5319-AF290

AUTO FOCUS

TAKE PICTURES AND VIDEOS

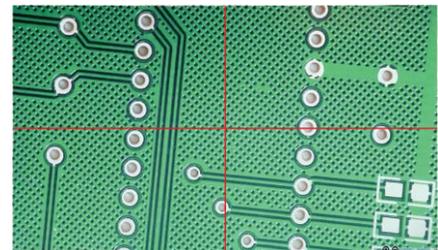MEASUREMENT

NO CALIBRATION AFTER ZOOM

MOTORIZED LIGHT CONTROL

MOTORIZED ZOOM

21.5" LCD

camera and lens(built-in)

LED

mouse

- Auto focus camera
- Take pictures and videos
- Built-in measuring software
- Automatic exposure and white balance
- Brightness, contrast ratio, gain are adjustable
- Display actual magnification display
- Digital magnification
- Shortcut keyboard operation
- Display cross hair and gridline (blue/green/red/
  yellow/black/white colors)

display cross hair and gridline
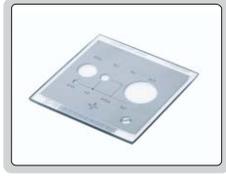(blue/green/red/yellow/black/white colors)

SPECIFICATION

Magnification	27.4X~163X
Sensor	1/2.8" CMOS
Pixel	2M
Measuring accuracy	±.0008"
Resolution	1920×1080
Frame rate	60fps
Output	HDMI
Power supply	power adapter
Dimension (L×W×H)	23.62x11.02x15.35"
Weight	14.33lb

STANDARD DELIVERY

Main unit (with stand)	1 pc
21.5 " LCD	1 pc
16G USB flash disk	1 pc
Mouse	1 pc
HDMI cable	1 pc
Calibration plate	1 pc
White/black plate	1 pc
Shortcut keyboard	1 pc
Power adpter	2 pcs

16G USB flash disk
(included)

calibration plate
(included)

FOCUS DISTANCE AND VIEW FIELD

Optical magnification	0.8X	1X	2X
Focus distance	3.46~5.24"	3.46~5.24"	3.86~4.84"
View field	.76×.43~.62×.34"	.59×.32~.50×.28"	.28×.15~.26×.15"

Optical magnification	3X	4X	4.76X
Focus distance	4.05~4.52"	4.25~4.37"	4.25~4.37"
View field	.19×.10~.17×.09"	.14×.08~.13×.07"	.12×.06~.11×06"

* The optical zoom lens can be arbitrarily zoomed between 0.8X and 4.76X

SHORTCUT KEYBOARD(INCLUED)

Shortcut Keyboard Fuction

- Take picture：take a picture and save it
- Video: record a video
- Freeze: the image can be frozen
- Manual focus−: reduce the manual focus value
- Manual focus+: increase the manual focus value
- Zoom+: increase the magnification
- Zoom−: reduce the magnification
- AF/MF: switch to auto focus or manual focus
- FBL: center the camera motor
- Mirror: image horizontal flipover
- Flip: image vertical flipover
- Focus: achieve one-key focus
- Zoom 1、2、3、4、: save the current magnification
- Brightness+: increase the brightness of the light
- Brightness−: reduce the brightness of the light

SOFTWARE (INCLUDED)

Focus
Focus area
Exposure
AWB
Light Control
Function

Assist Tools
Main Tools
Calibration
List Show