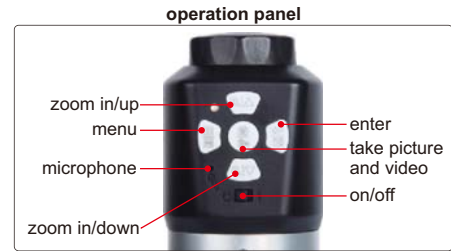
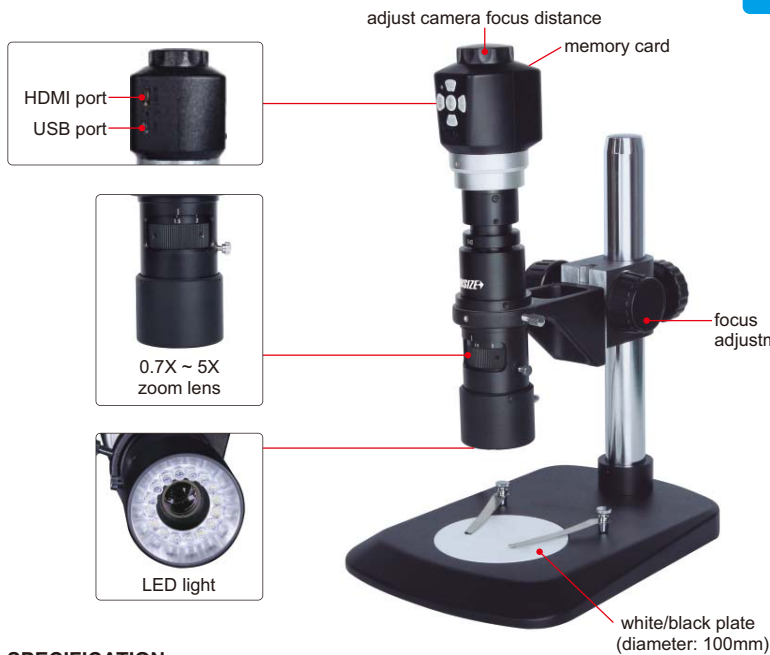


DIGITAL MEASURING MICROSCOPE CODE ISM-DM40

FOCUS DISTANCE OF
CAMERA IS ADJUSTABLE

MEASUREMENT
(ON COMPUTER)

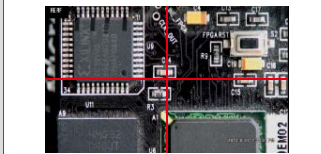
TAKE PICTURES
AND VIDEOS



- Connected to TV and computer
- Take pictures and videos, saved to memory card
- Measurement on computer with accuracy $\pm 0.01\text{mm}$
- Large working distance because focus distance of camera is adjustable
- Automatic white balance and exposure, white-black display mode
- Automatic power off

SPECIFICATION

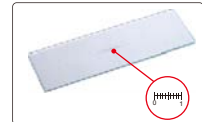
Magnification		15X~205X (on 19" monitor)
Pixel		3.5M
Sensor		1/3" CMOS
Resolution	HDMI output	1920×1080, 1280×720, 640×480
	picture	2304×1536, 2304×1296, 1920×1080, 1280×720, 800×480
	video	1920×1080, 1280×720, 800×480
Output		USB/HDMI
Power supply		5V (>500mA)
Dimension (L×W×H)		273×205×310mm
Weight		3.5kg



connected to TV by HDMI cable, take pictures and videos, display cross hair



calibration rule (included, graduation 1mm)



calibration rule (included, graduation 0.1mm)



8G memory card and holder (included)



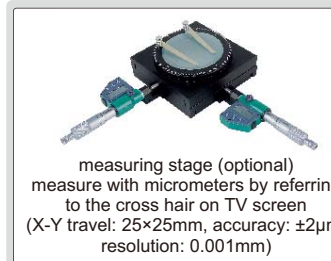
software CD (included)

LENS SCALE, MAGNIFICATION AND FOCUS DISTANCE

Lens scale	Magnification (on 19" monitor)	Focus distance(mm)
0.7X	15~40X	24~252
1X	30~50X	27~155
2X	70~80X	81~117
3X	110~120X	94~111
4X	140~160X	101~110
5X	180~205	103~109



connected to computer by USB cable, take pictures and videos, make measurement



measuring stage (optional)
measure with micrometers by referring to the cross hair on TV screen
(X-Y travel: 25×25mm, accuracy: $\pm 2\mu\text{m}$, resolution: 0.001mm)



MAGNIFICATION, VIEW FIELD AND FOCUS DISTANCE

Magnification (on 19" monitor)	View filed (mm)	Focus distance(mm)
15X	28×16	252
30X	13.5×7.5	155
50X	8×4.8	124
100X	4.2×2.4	110
150X	2.7×1.5	108
200X	2.1×1.2	105

To be continued

Continued from previous page

DIGITAL MEASURING MICROSCOPE CODE ISM-DM40

STANDARD DELIVERY

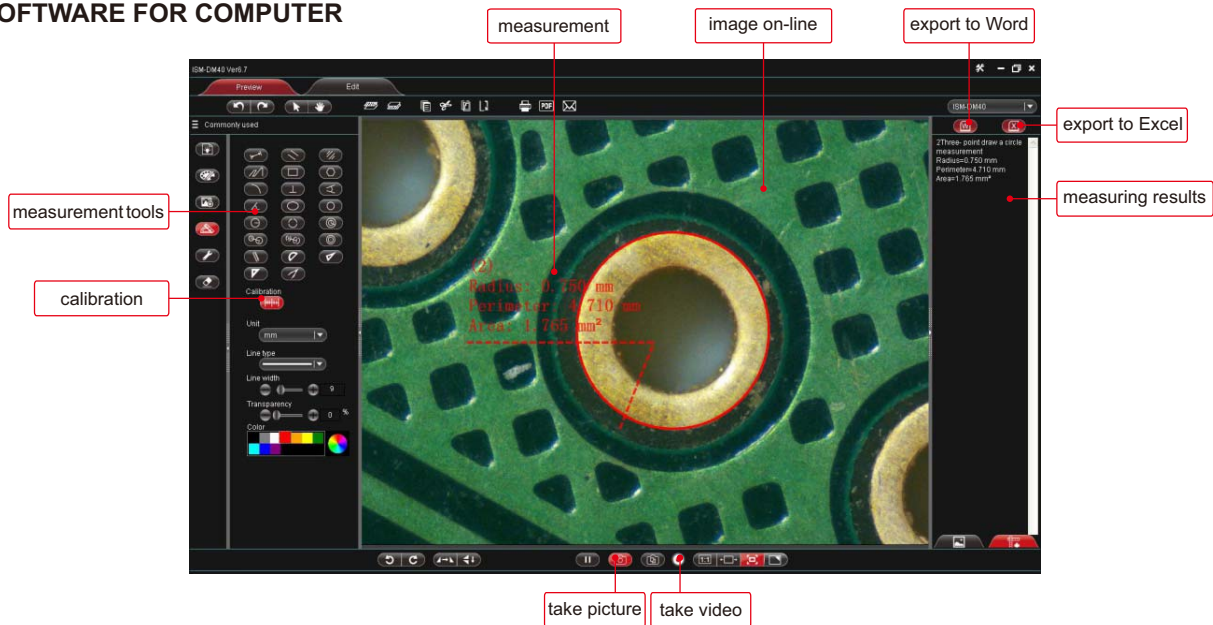
Main unit	1pc
8G memory card and holder	1pc
HDMI cable (for TV)	1pc

USB cable and software (for computer)	1pc
Calibration rule (graduation 0.1mm)	1pc
Calibration rule (graduation 1mm)	1pc

OPTIONAL ACCESSORY

Measuring stage	ISM-DM40-STAGE
-----------------	----------------

SOFTWARE FOR COMPUTER



- **Language:** Chinese, English, Japanese, German, French
- **Operation system:** Windows XP/7/8/10
- **Measurement tools:**



measure length of line or distance between two points



measure distance between two parallel lines



measure center distance between parallel lines



measure length of continuous line



measure length, width, girth and area of rectangle



measure circumference and area of polygon



measure radius, length and angle of arc



measure distance between point and line



measure angle with two lines



measure angle with three points



measure axis lengths, girth and area of ellipse



measure radius, girth and area of circle



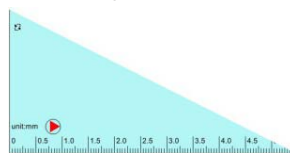
measure distance between two circles

■ Comparison tools:

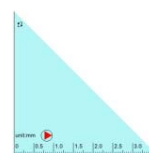
Create rule, angle or protractor, to compare with workpieces.



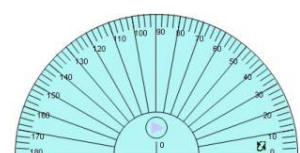
rule



30°angle

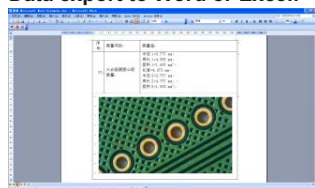


45°angle

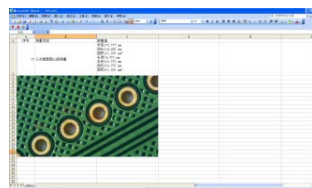


protractor

■ Data export to Word or Excel:



Word



Excel