DIGITAL MEASURING MICROSCOPE CODE ISM-DM40



- Connected to TV and computer
- Take pictures and videos, saved to memory card
- Measurement on computer with accuracy ±0.01mm
- Large working distance because focus distance of camera is adjustable
- Automatic white balance and exposure, white-black display mode

HDMI output

picture

video

Automatic power off

SPECIFICATION Magnification

Pixel

Sensor

Output

Weight

Resolution

Power supply

memory card HDMI port USB port 0.7X~5X focus zoom lens adjustment LED light white/black plate (diameter: 100mm)

adiust camera focus distance

TAKE PICTURES

MEASUREMENT (ON COMPUTER)

FOCUS DISTANCE OF CAMERA IS ADJUSTABLE



8G memory card calibration rule (included, and holder (included) graduation 1mm)



software CD (included)

calibration rule (included, graduation 0.1mm)



pictures and videos, make measurement





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



measuring stage (optional) measure with micrometers by referring to the cross hair on TV screen (X-Y travel: 25×25mm, accuracy: ±2µm, resolution: 0.001mm)



STANDARD DELIVERY

Dimension (L×W×H)

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

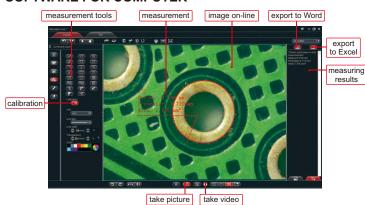
LENS SCALE, MAGNIFICATION AND FOCUS DISTANCE

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	180~205X	103~109

MAGNIFICATION, VIEW FIELD AND FOCUS DISTANCE

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

SOFTWARE FOR COMPUTER



15X~205X (on 19" monitor)

1920×1080, 1280×720, 640×480 2304×1536, 2304×1296,

1920×1080, 1280×720, 800×480

1920×1080, 1280×720, 800×480

3.5M

1/3" CMOS

USB/HDMI

3.5kg

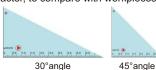
5V (>500mA)

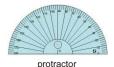
273×205×310mm

Comparison tools:

0 05 1.0 1.5 2.0 2.5 1.0 7.5 4.0 4.5

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





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

- Measurement tools.		
Ли	measure length of	
7 71	continuous line	
	measure radius, length	
1	and angle of arc	

measure angle with three points

measure distance between two circles measure distance between point and line

measure angle with two lines

measure radius, girth and area of circle

measure length of line or distance between two points measure distance

between two parallel lines

measure length, width, girth and area of rectangle

measure center distance between parallel lines

measure axis lengths, girth and area of ellipse

measure circumference and area of polygon

■ Data export to Word or Excel:





Word

Excel