INSIZE

DIGITAL ZOOM MICROSCOPE
CODE ISM-ZS60

COAXIAL ILLUMINATION **MEASUREMENT (ON COMPUTER)**

VIDEO

- digital camera
- LED illumination
- objective magnification adjustment
- objective
- focus adjustment
- working stage diameter: 100mm

- objective
- LED coaxial illumination
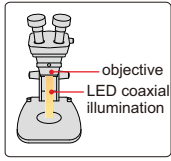
coaxial illumination

LED ring light(**optional**)

computer is not included
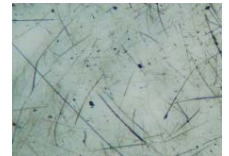
observe the scratches or points on smooth surfaces
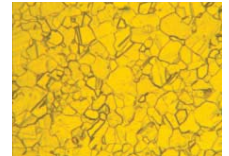
observe the metallurgical structure

SPECIFICATION

Magnification	38X~230X (on 19" monitor)
Pixel	5M
Sensor	1/2.5" CMOS
Resolution — picture	2592×1944, 1920×1080, 1600×1200, 1280×960, 1280×720,1024×768, 800×600, 640×480
Resolution — video	1920×1080, 1600×1200, 1280×960, 1280×720, 1024×768, 800×600, 640×480
Max. workpiece height	215mm
Illumination	LED coaxial illumination
Output	USB
Power supply	5V, >500mA
Dimension (L×W×H)	290×260×480mm
Weight	5.1kg

plastic calibration rule (included, graduation 1mm)
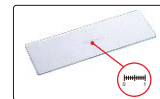
glass calibration rule (included, graduation 0.1mm)

10X objective (included)

software CD (included)

OBJECTIVE SCALE, MAGNIFICATION, VIEW FIELD AND FOCUS DISTANCE

Objective scale	Magnification (on 19" monitor)	View filed	Focus distance
0.8X	38X	7×5mm	130mm
1X	46X	5.5×4.1mm	125mm
2X	92X	2.7×2mm	118mm
3X	144X	1.8×1.3mm	116mm
4X	184X	1.3×1mm	115mm
5X	230X	1.1×0.8mm	114mm

STANDARD DELIVERY

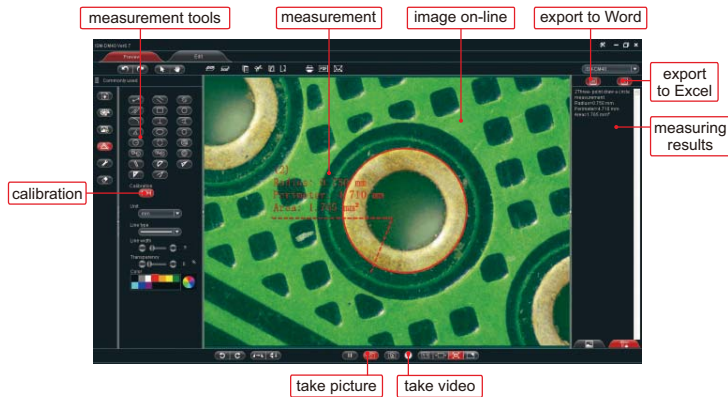| Main unit	1pc
Digital camera	1pc
LED illumination	1pc
10X objective	2pcs
Glass calibration rule (graduation 0.1mm)	1pc
Plastic calibration rule (graduation 1mm)	1pc
Software CD	1pc
Anti-dust cover	1pc

OPTIONAL ACCESSORY

LED ring light	ISM-ZS-RL

SOFTWARE FOR COMPUTER

- measurement tools
- measurement
- image on-line
- export to Word
- export to Excel
- measuring results
- calibration
- take picture
- take video

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

measure length of continuous line	measure length of line or distance between two points
measure radius, length and angle of arc	measure distance between two parallel lines
measure angle with three points	measure length, width, girth and area of rectangle
measure distance between two circles	measure center distance between parallel lines
measure distance between point and line	measure axis lengths, girth and area of ellipse
measure angle with two lines	measure circumference and area of polygon
measure radius, girth and area of circle	

- **Comparison tools:**
  Create rule, angle or protractor, to compare with workpieces.

rule 30°angle 45°angle protractor
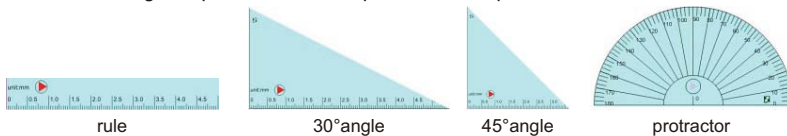
- **Data export to Word or Excel:**

Word Excel