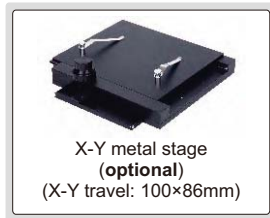
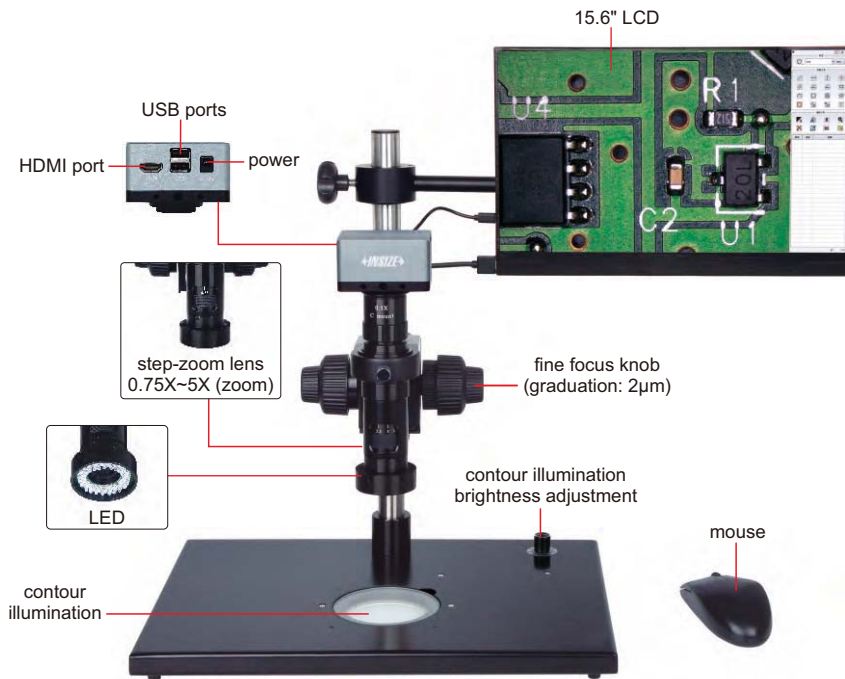


BUILT-IN SOFTWARE  
WITHOUT COMPUTER

TAKE  
PICTURES

MEASUREMENT

# 4K DIGITAL MEASURING MICROSCOPE (WITH DISPLAY) CODE 5310-DL401



- 4K high-definition image
- Built-in software without computer, operated by mouse
- Take pictures, save to USB flash disk
- Measurement results can be sent to Excel
- Automatic white balance and exposure
- Brightness, contrast ratio, gain are adjustable



0.5X camera adapter  
(included)



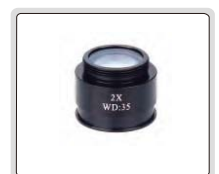
1X auxiliary objective  
(included)

## SPECIFICATION

|                   |                         |
|-------------------|-------------------------|
| Magnification     | 17.6X~120X              |
| Sensor            | 1/2.3" CMOS             |
| Pixel             | 8M                      |
| Resolution        | 3840×2160               |
| Frame rate        | 4K: 30fps, 1080P: 60fps |
| Output            | HDMI                    |
| Power supply      | power adapter           |
| Dimension (L×W×H) | 570×300×430mm           |
| Weight            | 6.5kg                   |



1X camera adapter  
(optional)



2X auxiliary objective  
(optional)

To be continued

**MAGNIFICATION, VIEW FIELD AND MEASURING ACCURACY**

| Objective magnification | Image magnification | View field  | Measuring accuracy |
|-------------------------|---------------------|-------------|--------------------|
| 0.75X                   | 17.6X               | 19.5×11.5mm | ±5μm               |
| 1X                      | 23.7X               | 14.0×8.0mm  | ±5μm               |
| 1.5X                    | 36.6X               | 9.0×5.0mm   | ±5μm               |
| 2X                      | 49X                 | 7.0×4.0mm   | ±5μm               |
| 2.5X                    | 62X                 | 5.5×3.0mm   | ±4μm               |
| 3X                      | 73X                 | 4.5×2.5mm   | ±4μm               |
| 3.5X                    | 85X                 | 4.0×2.2mm   | ±4μm               |
| 4X                      | 97X                 | 3.5×2.0mm   | ±3μm               |
| 4.5X                    | 109X                | 3.0×1.8mm   | ±3μm               |
| 5X                      | 120X                | 2.7×1.5mm   | ±3μm               |

**STANDARD DELIVERY**

|                        |       |
|------------------------|-------|
| Main unit              | 1 pc  |
| 0.5X camera adapter    | 1 pc  |
| 1X auxiliary objective | 1 pc  |
| Calibration plate      | 1 pc  |
| 16G USB flash disk     | 1 pc  |
| White/black plate      | 1 pc  |
| Mouse                  | 1 pc  |
| HDMI cable             | 1 pc  |
| Power adapter          | 3 pcs |

**OPTIONAL ACCESSORY**

|                                    |               |
|------------------------------------|---------------|
| 1X camera adapter                  | ISM-DL-CA1X   |
| 2X auxiliary objective             | ISM-DL-OB2X   |
| X-Y glass stage (travel: 74×60mm)  | ISM-DL-STAGE  |
| X-Y metal stage (travel: 100×86mm) | ISM-DL-STAGE1 |
| LED light                          | page 431~432  |
| Auxiliary objective                | page 433      |

**SOFTWARE (INCLUDED)**

- Refer to page 428 for details

