

# MODEL ISM-BDL120

## BINOCULAR LCD MEASURING MICROSCOPE

### Technical specification

|                     |                       |                                   |
|---------------------|-----------------------|-----------------------------------|
| Total magnification |                       | 16.5X-114X                        |
| Eyepiece            |                       | WF10X                             |
| Display screen      | dimension             | 8.0 inch                          |
|                     | display resolution    | 640X480                           |
|                     | image reduplication   | 1X-4X                             |
|                     | video output          | synchronized display              |
|                     | memory card           | support SD/MMC                    |
| Objective           |                       | 0.65X-4.5X                        |
| Illumination        |                       | multi-purpose LED lighting system |
| Working table       | diameter              | 120mm/4.7"                        |
|                     | rotary range          | 0-360°                            |
|                     | angle resolution      | 0.2°                              |
|                     | X- axis travel        | 25mm/1"                           |
|                     | Y- axis travel        | 25mm/1"                           |
|                     | X-Y travel resolution | 1μm/50μin                         |
|                     | measuring accuracy    | 5μm/200μin                        |
| load                |                       | 8kg/17.6lbs                       |
| Power supply        |                       | AC 100-240V/50Hz-60Hz             |

### Standard delivery

|                     |       |
|---------------------|-------|
| Main unit           | 1pc   |
| 10X eyepiece        | 1pair |
| Eyepiece patch      | 2pcs  |
| Eyepiece micrometer | 1pc   |
| 0.1mm rule          | 1pc   |
| Software disc       | 1pc   |
| Micrometer head     | 2pcs  |
| SD card             | 1pc   |
| Round glass plate   | 1pc   |
| Clincher            | 2pcs  |
| USB cable           | 1pc   |
| DC power Cable      | 1pc   |
| AV connecting wire  | 1pc   |
| AC/DC adapter       | 1pc   |
| Wrench              | 2pcs  |
| Anti-dust cover     | 1pc   |

### Optional accessories

|                          |
|--------------------------|
| Frosted glass plate      |
| 0.5X auxiliary objective |
| 2X auxiliary objective   |



- Three types of grid are available
- Applications: using rectangular coordinates to determine length, using rotation disk to determine angle, serves as a microscope

**INSIZE**



## MODEL ISM-DL120 LCD MEASURING MICROSCOPE

- Three types of grid are available on LCD display

### Technical specification

|                     |                       |                                   |
|---------------------|-----------------------|-----------------------------------|
| Total magnification |                       | 18.7-120X                         |
| Display screen      | dimension             | 8.4 inch                          |
|                     | display resolution    | 800X600                           |
|                     | image reduplication   | 1X-4X                             |
|                     | video output          | synchronized display              |
|                     | memory card           | support SD/MMC                    |
| Working table       | diameter              | 120mm/4.7"                        |
|                     | rotary range          | 0-360°                            |
|                     | angle resolution      | 0.2°                              |
|                     | X- axis travel        | 25mm/1"                           |
|                     | Y- axis travel        | 25mm/1"                           |
|                     | X-Y travel resolution | 1μm/50μin                         |
|                     | measuring accuracy    | 5μm/200μin                        |
| load                |                       | 8kg/17.6lbs                       |
| Working distance    |                       | 185mm/7.3"                        |
| Objective           |                       | 0.7X-4.5X                         |
| Illumination        |                       | multi-purpose LED lighting system |
| Power supply        |                       | AC 100-240V/50-60Hz               |

### Standard delivery

|                          |      |
|--------------------------|------|
| Main unit                | 1pc  |
| Software disc            | 1pc  |
| 0.1mm rule               | 1pc  |
| 1.0X auxiliary objective | 1pc  |
| SD card                  | 1pc  |
| Micrometer head          | 2pcs |
| Round glass plate        | 1pc  |
| Clincher                 | 2pcs |
| AV connecting cable      | 1pc  |
| USB cable                | 1pc  |
| DC power cable           | 1pc  |
| AC/DC adapter            | 1pc  |
| Wrench                   | 2pcs |
| Anti-dust cover          | 1pc  |

### Optional accessories

|                          |  |
|--------------------------|--|
| Frosted glass plate      |  |
| 0.5X auxiliary objective |  |
| 2X auxiliary objective   |  |

### Technical specification

|                     |                     |                                   |
|---------------------|---------------------|-----------------------------------|
| Total magnification |                     | 18.67-120X                        |
| Display screen      | dimension           | 8.4inch                           |
|                     | display resolution  | 640X480                           |
|                     | image reduplication | 1X-4X                             |
|                     | video output        | synchronized display              |
|                     | memory card         | support SD/MMC                    |
| Objective           |                     | 0.7X-4.5X                         |
| Working distance    |                     | 100-175mm (3.9-6.9")              |
| Visual field        |                     | 8.9-1.3mm (0.35-0.05")            |
| Illumination        |                     | multi-purpose LED lighting system |
| Power supply        |                     | AC 100-240V/50Hz-60Hz             |

### Standard delivery

|                          |      |
|--------------------------|------|
| Main unit                | 1pc  |
| Software disc            | 1pc  |
| 0.1mm rule               | 1pc  |
| 1.0X auxiliary objective | 1pc  |
| SD card                  | 1pc  |
| Round glass plate        | 1pc  |
| Clincher                 | 2pcs |
| AV connecting cable      | 1pc  |
| USB cable                | 1pc  |

|                 |      |
|-----------------|------|
| DC power cable  | 1pc  |
| AC/DC adapter   | 1pc  |
| Wrench          | 2pcs |
| Anti-dust cover | 1pc  |

### Optional accessories

|                          |  |
|--------------------------|--|
| 0.5X auxiliary objective |  |
| 2X auxiliary objective   |  |

## MODEL ISM-DLC120 LCD MICROSCOPE

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