

# PARALLEL LIGHT STEREO MICROSCOPE CODE ISM-ZS200

PARALLEL LIGHT PATH: REDUCE FATIGUE,  
ACCESSORIES CAN BE ADDED INTO LIGHT PATH



coaxial illumination (optional)



- Infinity parallel optical system and 20° inclined optical tube reduce fatigue
- Coaxial illumination is optional for deep holes which cannot be observed by ring light
- Aperture diaphragm is optional for large depth of field and high quality image

optical path splitter (optional)



iris diaphragm (optional)



## SPECIFICATION

|                               |                                                |
|-------------------------------|------------------------------------------------|
| Optical tube                  | binocular (20° inclined)                       |
| Eyepiece (wide field)         | 10X (view field: Ø22mm)                        |
| Objective                     | 0.8X~8X (zoom)                                 |
| Zoom ratio                    | 1:10                                           |
| Pupil distance                | 55~75mm                                        |
| Diopter adjustment            | ±5 diopter (both eyepieces)                    |
| Working distance of objective | 78mm                                           |
| Max. workpiece height         | 72mm                                           |
| Illumination                  | adjustable reflected and transmitted LED light |
| Power supply                  | 110/220V, 50/60Hz                              |
| Dimension (L×W×H)             | 240×280×440mm                                  |
| Net weight                    | 4.3kg                                          |

## STANDARD DELIVERY

|                          |       |
|--------------------------|-------|
| Main unit                | 1 pc  |
| WF10X eyepiece           | 2 pcs |
| Ø100mm glass plate       | 1 pc  |
| Ø100mm white/black plate | 1 pc  |
| Anti-dust cover          | 1 pc  |

## OPTIONAL ACCESSORY

|                                              |                                                          |                    |
|----------------------------------------------|----------------------------------------------------------|--------------------|
| Objective                                    | 0.5X achromatic objective (focus distance: 186mm)        | ISM-ZS200-OB05X *  |
|                                              | 2X plan achromatic objective (focus distance: 32.5mm)    | ISM-ZS200-OB2X     |
|                                              | 0.5X plan apochromatic objective (focus distance: 126mm) | ISM-ZS200-APO05X * |
| Eyepiece                                     | WF15X (view field: Ø16mm)                                | ISM-ZS200-EP15X    |
|                                              | WF20X (view field: Ø12mm)                                | ISM-ZS200-EP20X    |
|                                              | WF30X (view field: Ø20mm)                                | ISM-ZS200-EP30X    |
| Sleeve for objective                         |                                                          | ISM-ZS200-ADAPTER  |
| Iris diaphragm                               |                                                          | ISM-ZS200-IRD      |
| Optical path splitter                        |                                                          | ISM-ZS200-OBS      |
| Coaxial illumination                         |                                                          | ISM-ZS200-COAXIAL  |
| Digital camera **                            |                                                          | ISM-CM63           |
| Camera adapter 0.75X                         |                                                          | ISM-AD-0D75        |
| Weld seam measurement software and camera ** |                                                          | ISM-MAS300         |

\* 0.5X auxiliary objective must be used with **ISM-ZS200-ADAPTER**

\*\* Digital camera or Weld seam measurement software and camera must be used with optical path splitter **ISM-ZS200-OBS** and camera adapter **ISM-AD-0D75**