



800x Metallurgical Optical Microscope With 360 Rotatable Head A13.2702

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.2702
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~1000, Depend on Order Quantity
- Packaging Details: Carton Packing, For Export Transportation
- Delivery Time: 5~20 Days
- Payment Terms: T/T, West Union, Paypal
- Supply Ability: 5000 pcs/ Month



Product Specification

- Application: Research, Metallurgical
- Certification: CE, Rohs
- Drawtube: Binocular
- Illumination: Halogen Lamp
- Magnification: 100x - 800x
- Theory: Metallurgical Optical Microscope
- Highlight: **reflected light microscope,
bright field microscope**



Product Description

800x Metallurgical Optical Microscope With 360 Rotatable Head A13.2702

Description:

Metallurgical Optical Microscope uses a different lighting method than a conventional microscope and can illuminate solid specimens to identify, inspect, and measure them. Some industries use inverted metallurgical microscopes, which observe the specimen from below the stage or table. Electronic parts manufacturers, forensic laboratories, and metal foundries all use this type of instrument.

Specifications:

| Specification | A13.2702-A | A13.2702-B |
|-------------------------------|--|---|
| Optical System | UCIS infinity independent achromatic optical system | |
| Head | Seidentopf binocular head,30° inclined, 360° rotatable, interpupillary distance 52-75mm, ±5 diopter adjustment | Seidentopf trinocular head,30° inclined, 360° rotatable, interpupillary distance 52-75mm, ±5 diopter adjustment |
| Eyepiece | WF10x/20mm, plan, high eyepoint up to 21mm, | |
| | WF10x/20mm, plan, reticule eyepiece, cross | |
| Objective | Infinity LWD plan achromatic objectives 10x, 20x, 50x(s) and 80x (s) | |
| Focus System | Low positioned, coaxial coarse & fine focusing system with an adjustable tension control and upper limit stop, coarse knob coarse 14mm/rot, fine 0.1mm/rot, minimum reading 1μm on left-side fine knob, moving range 20mm | |
| Nosepiece | Quintuple, reversed type with positive click stops | |
| Stage | Double layer mechanical, size 156x138mm, moving range 76x54mm. low position, right hand controls, X-Y coaxial control knob | |
| Condenser | Abbe condenser N.A.1.25 with iris diaphragm and with socket for phase contrast / dark field slider, centering adjustable,height adjustable, color-coded diaphragm scale marking corresponded with the objectives of different power. | |
| Filter (Φ38) | Blue | |
| | | Frosted |
| Adapter | | 0.5x C-Mount |
| Polarizing Attachment | Analyzer | |
| | Polarizer | |
| Reflected Illumination | Reflected light illumination(single module) | |
| | 12V100W halogen lamp house | |
| | 12V50W Power supply unit | |
| | 12V50W halogen bulb (Osram) | |
| | 250V/5A Φ5x20 fuse | |
| Illumination | Kohler with field diaphragm (adjustable) | |
| Transmitted Illumination | Electrical parts for 6V20W halogen lamp | |
| | 6V20W halogen bulb | |
| | 250V/5A Φ5x20 fuse | |
| Other | Allen screw driver 2mm | |
| | Allen screw driver 2.5mm | |
| | Allen screw driver 3mm | |
| | Dust cover | |
| | Power cord | |
| A13.2701 Optional Accessories | | Item No. |
| Head | Seidentopf binocular head,30° inclined, 360° rotatable, interpupillary distance 48-75mm, diopter adjustable | A53.2702-2A |
| | Seidentopf trinocular head, 30° inclined, 360° rotatable, interpupillary distance 48-75mm, diopter adjustable | A53.2704-2A |
| | Seidentopf trinocular head,30° inclined, 360° rotatable, interpupillary distance 48-75mm, diopter adjustment,light split 100:0 0:100 | A53.2704-2B |
| | | |
| Eyepiece | WF10x/22mm, plan,high eyepoint up to 21mm | A51.2701-10C |
| | WF16X/13mm, plan | A51.2701-16B |
| Objective | Infinity plan achromatic objective 5x | A52.2706-05A |
| | Infinity plan achromatic objective 100x | A52.2706-100A |
| Reflected Illumination | Reflected light illumination(multi-module) | AA5M.2711-3 |
| | 12V100W power supply unit | A56.2703-4 |
| | 12V100W halogen bulb (Osram) | A56.2703-100 |
| | Upgrade to electrical parts for 6V30W halogen lamp | A56.2750 |
| Transmitted Illumination | 6V20W Halogen bulb (Osram) | A56.2703-20B |
| | 6V30W Halogen bulb (Osram) | A56.2703-30C |

| | | |
|--------------|--|--------------|
| Nosepiece | Quadruple, reversed type with positive click stops | A54.2704-B |
| Stage | Upgrade to mechanical stage, right hand control, size, 185x177mm, moving range 75x50mm | A54.2701-2C |
| Condenser | Swing-out condenser | A56.2701-30A |
| | Dark field condenser(oil) | A5D.2701-I |
| | Dark field condenser(dry) | A5D.2701-D |
| Filter (Φ38) | For transmitted, blue | A56.2706-B |
| | For transmitted, green | A56.2706-G |
| | For transmitted, yellow | A56.2706-Y |
| | For transmitted, frosted | A56.2706-F |
| Micrometer | Optical metallurgical micrometer (1/100mm) | A58.2701 |
| Adapter | 1x, C-Mount | A55.2701-10 |
| | 0.25x, C-Mount | A55.2701-25 |
| | Digital camera adapter, (Need to know camera model number) | A55.2702-2 |
| Other | Immersion Oil | A50.2701 |
| | Specimen presser | A5M.2713 |





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