



## 10x Eyepiece Handheld Metallurgical Optical Microscope 20x Measuring Reading Microscope

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A13.2502
- 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

- Total Magnification: 20x
- Eyepiece: 10x
- Objective: 2x
- Measuring Knob: Division 0.005mm
- Name: 10x Eyepiece Handheld Metallurgical Optical Microscope 20x Measuring Reading Microscope
- Keyword: Metallurgical Optical Microscope
- Highlight: **10x eyepiece metallurgical optical microscope, handheld metallurgical optical microscope, 20x measuring reading metallurgical optical microscope**



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## Product Description

### 10x Eyepiece Handheld Metallurgical Optical Microscope A13.2502-B 20x Measuring Reading Microscope

#### Features:

A13.2502 Portable Measuring Microscope, is designed to quickly measuring the diameter of power particle, hardness test spot diameter or thickness of coating layer. It is with compact and simple design but very useful for outdoor work with LED light and small size. It can be used for biology medicine agriculture and industry area widely. It is the ideal instrument in medical treatment, teaching demonstration and scientific research.

- WF20x or WF10x Wide Field Micrometer Eyepiece
- Fixed Micrometer With Main Scale In Eyepiece : 0~8mm
- Moving Micrometer With Corss & Double Lines, Moved By Measuring Knob
- Measuring Range 4mm, Division 0.01mm/0.005mm

Detail Specification:

[Print Price information](#)

	A13.2502	A13.2502-B
Total Magnification	20x	20x
Wide Field Eyepiece	WF20x	WF10x
Objective	1x	2x
Measuring Knob	Division 0.01mm	Division 0.005mm
Eyepiece Micrometer	--Fixed Micrometer With Main Scale In Eyepiece : 0~8mm --Moving Micrometer With Corss & Double Lines, Moved By Measuring Knob	
Measuring Range	4mm	
Measuring Precision	+/- 0.01mm	
Function	Measuring Diameter Of Power Particle Measuring Hardness Test Spot Diameter Measuring Thickness Of Coating Layer Measuring All Kinds Of Lenght On Surface...	
Theory	As <b>Structure Picture</b> shown, there are 2 micrometers in the microscope: --Fixed Micrometer With Main Scale In Eyepiece : 0~8mm --Moving Micrometer With Corss & Double Lines, Moved By Measuring Knob The Fixed Micrometer has a main scale 0~8mm length, which is used to fix the measurement position. When you turn the Measuring Knob, it will move the Moving Micrometer and show its moving distance on the knob by 0.01mm division. Keep record of its moving distance, it will be the length you need to measure.	
Operational Manual	<p><b>Measuring Diameter Of Power Particle(See Picture)</b></p> <ol style="list-style-type: none"> <li>1. Put the microscope on the surface of objects, turn on the LED light.</li> <li>2. Adjust eyepiece (2) to see both micrometer clearly in view field.</li> <li>3. Adjust focusing ring (7) to see objects clearly in view field.</li> <li>4. Fix the focusing by screw (9).</li> <li>5. Turn Measuring Knob to move the micrometer, until the cross center locate on left side of the particle. Read out the main scale as 5 and measuring knob scale as 0.36 (a). <b>(Left Picture)</b></li> <li>6. Turn Measuring Knob to move the micrometer, locate the cross center on right side of the particle. Read out the main scale as 4 and measuring knob scale as 0.51 (b). <b>(Right Picture)</b></li> <li>7. Moving distance (Y) is the difference between (a) and (b) divided by objective magnification (X) : <math>Y=(b-a)/X</math>.</li> <li>8. Measured Diameter = Moving Distance = (5.36mm-4.51mm)/1X=0.85mm</li> </ol>	

## Our Services

### Company Information

As one of the leading supplier of **optical & educational** products from China, we have concentrated in this field for more than 10 years. We have been collecting and supplying different products for our customers all over the world. We have the most professional experience about the microscope in Chinese market.

We committed to serve professional clients, trying to be clients' excellent consultant for products and service, to be a unique, long-term and excellent company in China.



WF20x Micrometer Wide Field Eyepiece  
Measuring Knob, Connected Moving Micrometer

A13.2502 Portable Measuring Microscope, Top View



A13.2502 Portable Measuring Microscope, Bottom View



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