



A41.1904 OPTO-EDU Dental Operating Microscope One Head 0-200° Manual Step 4.7x~12.6x

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE,
- Model Number: A41.1904
- Minimum Order Quantity: 1 pc
- Price: FOB \$1~10000, 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

OPTO-EDU



Product Specification

- Eyepieces: Magnification 12.5x, Pupil Distance Adjustable Range 55mm~75mm, Diopter Adjustment Range +6D ~ -6D
- Binocular Tube: High-grade 45° Single Observation Mirror Body
- Magnification: Step-by-step Zoom, Magnification Factor 0.6, 1.0, 1.6, Magnification: 4.7x, 7.8x, 12.6x
- Coaxial Illumination: Imported LED Cold Light Source Lighting, High Brightness, Longer Service Life, Stepless Brightness Adjustment The Illumination Spot Is $\Phi 70\text{mm}$, And The Maximum Illumination Of The Object Surface Is $\geq 60000\text{ Lux}$; The Diameter Of The Field Of View: $\Phi 53\text{mm}$, $\Phi 32\text{mm}$,
- Objectives: Large Objective Focal Length 250mm (Optional F=175mm、200mm、300mm、350mm Etc)
- Maximum Length Of Arm: 1100mm
- Universal Rotating Head: Double Handle Operation, Easy And Free,

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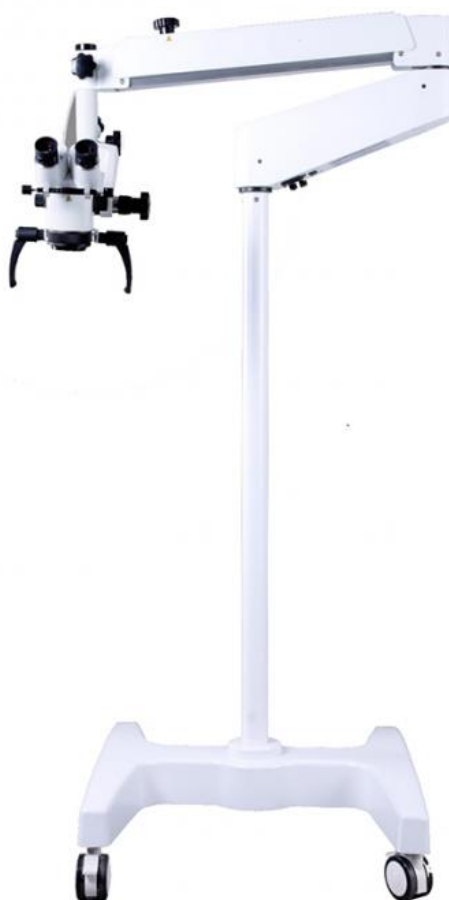


Product Description**Operating Microscope, One Head 0-200°, Manual Step, 4.7x~12.6x,, For Dental**

1 People 1 Binocular Head, Titable 0-200°, Interpupillary 53-76mm, Diopter +/-6D
Manual Continous Zoom 1:6, Total Manification 2.3x~27x, Zoom Objective F=180-300mm
LED High Brightness Light Source, Max 80000Lux, Light Spot Dia.80mm
Built-in Digital Camera, Control Handle To Take Picture/Video
One Hand Control Stop Freely With 120° Balance Arm, Four Feets Stand Max Extend Range 1250mm

A41.1904

**Operating Microscope, One Head 0-200°
Manual Step, 4.7x~12.6x,, For Dental**





A41.1904

- 1、 Large depth of field high resolution
- 2、 Excellent color performance
- 3、 Ergonomic operating design
- 4、 Full HD Imaging Solutions
- 5、 Space saving and smart design



A41.1904 surgical microscope: adopts high-resolution, high-definition optical system, with strong stereoscopic effect and large depth of field. LED cold light source lighting, continuously adjustable brightness, manual drum zoom. The machine is small, flexible and easy to move, suitable for microsurgery operations such as dentistry, orthopedics, hand surgery, ophthalmic animal anatomy, and teaching experiments.

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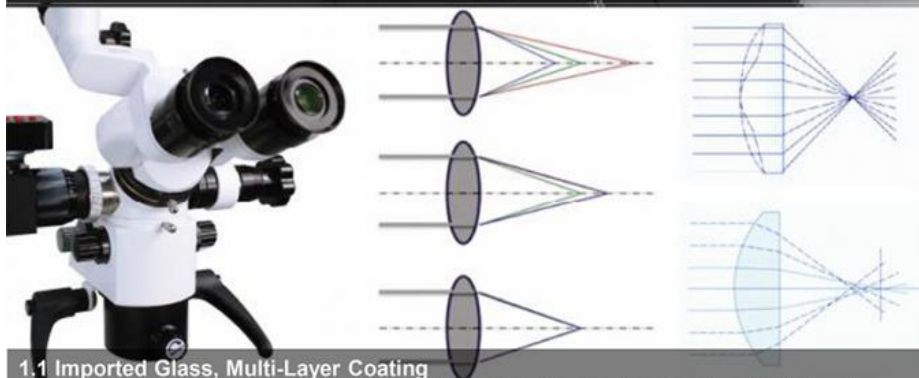
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1.0

EXCELLENT OPTICAL QUALITY

**1.1 Imported Glass, Multi-Layer Coating**

Adopting high quality optical lens made of imported glass from Germany to reduce the optical aberration. With multi-layer Nano-optical coating in the light path and apochromatic design, optical lens offers excellent optical clarity, large depth of field and detailed resolution.

1.2 High Eye-Point Wide-Field Eyepieces

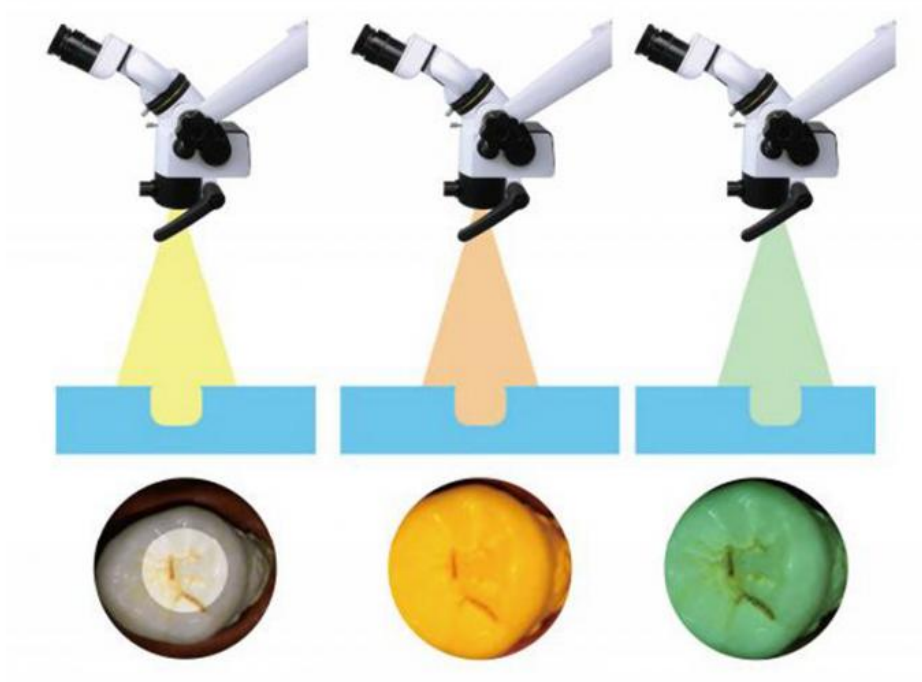
The eyepieces are perfectly suited for surgeons with naked eyes or wearing glasses as eye refraction can easily adjusted. Wide-field eyepieces have integrated eyecups that can easily adjust the height of the eyecups to meet different needs

**1.3 Continuous Zoom System**

Optional adjustable zoom objective lens with focal length ranging from 180mm~300mm covering all the operating range for oral treatment. The operator can see every detail by simply adjusting the zoom knob other than changing the lens position or the body posture, which makes the routine task more comfortable and easier to Perform.

1.4 Steps zoom

Multi step zoom, suitable for ENT I dental surgery, multiple coverage of the entire range of use, accurate and close examination with high magnification



2.1 BULB LIFE > 80,000 HOURS

- Light Temperature Between 5,000 - 6,000 Kelvin
- Brightness > 60,000 Lux
- CRI > 90

2.2 Integrated Light Filters

Small spot : Increase image brightness contrast

Yellow light filter: Prevents curing of UV-curable resin materials and to extend the operating time.

Green light filter: Improves detail visibility by enhancing the (red free) contrast of the tissue with a strong blood supply.



Operation System

Balancing arm adopts German imported pneumatic spring system. It allows a fluid and smooth balance during repositioning of the microscope. A tension knob on the suspension arm is designed for tension control to make sure the lens body can be moved smoothly and balanced with different loadings.



25° Left Inclination



Vertical Position



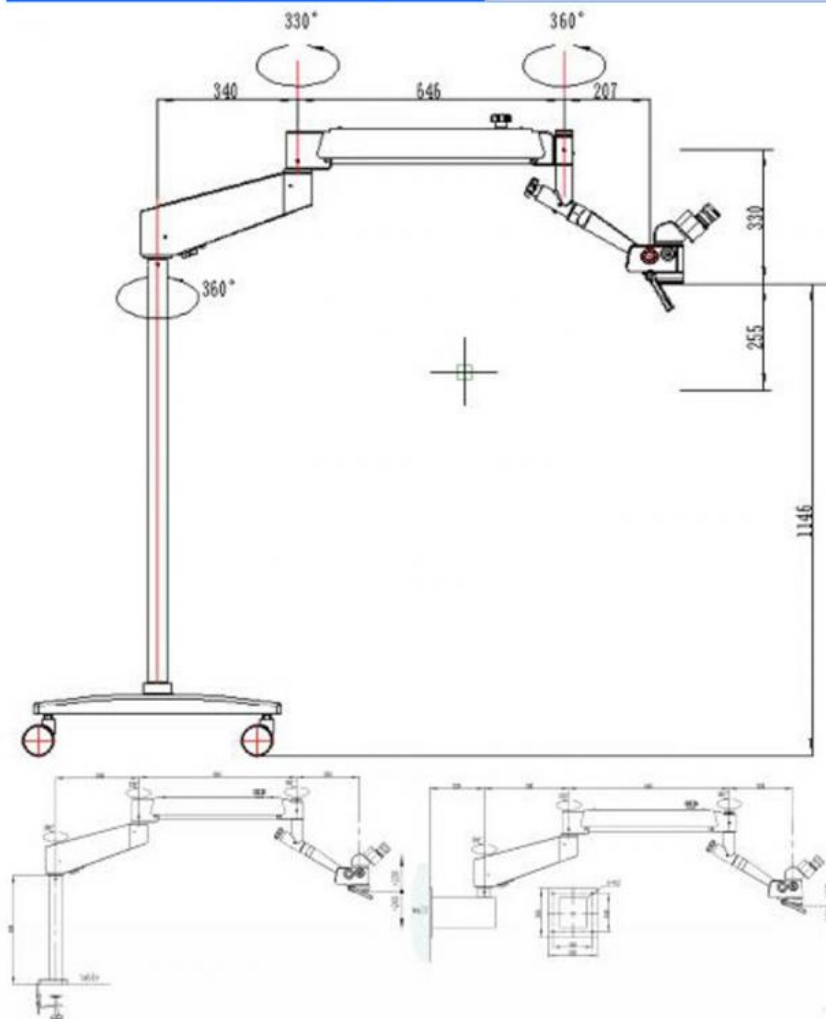
25° Right Inclination



The dental microscope comes with a 0° -200° inclinable binocular tube, it is suitable for surgeons of all heights.



A41.1904 Suspension Options



Configuration

45° binocular tube (Optional 0-200° binocular tube)

10x | 12.5x eyepiece

Fine focus objective lens

Balanced cantilever and cross arm

Steps zoom system

Orange, green filter, small spot

Imported LED lighting

Upgrade configuration: HD video system

A41.1904 Accessories



Beam Splitter



Camera Adopter



CCD



Beam Splitter



Camera Adopter



Camera



Beam Splitter



Mobile Phone Adopter



Mobile Phone



Wedge-Shaped
Splitter



Zoom Objective
Lens



Objective Lens



360° Assistant
Tube

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Coaxial Illumination	Imported LED Cold Light Source Lighting, High Brightness, Longer Service Life, Stepless Brightness Adjustment The Illumination Spot Is Φ70mm, And The Maximum Illumination Of The Object Surface Is ≥60000 Lux; The Diameter Of The Field Of View: Φ53mm, Φ32mm, Φ20mm Built-in Small Spot, Orange, Green Filter.
Objectives	Large Objective Focal Length 250mm (Optional F=175mm ,200mm ,300mm,350mm etc)

Maximum Length Of Arm	1100mm
Universal Rotating Head	Double Handle Operation, Easy And Free, Adjustable Damping.



Opto-Edu (Beijing) Co., Ltd.



0086 13911110627



sale@optoedu.com



cnoec.com

F-1501 Wanda Plaza, No. 18 Shijingshan Road, Beijing 100043, China