



Step Zoom Surgical Operating Microscope 2 Function Foot Switch A41.1941

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A41.1941
- 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

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Product Specification

- Main Usage: Neurosurgery, Brain Surgery, ENT
- Adapter: Beam Splitter Included, 2 Ports, For Assistant Head And C-Mount
- Diopter: Both Left & Right Eyetube Diopter Adjustable $\pm 6D$
- Eyepiece: WF12.5x
- Zoom Body: Motorized Continues Zoom 1:6, Parallel Light System
- Objective: F=300mm
- Highlight: **Step Zoom Surgical Operating Microscope,
2 Function Surgical Operating Microscope,
Foot Switch Surgical Microscope**

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Product Description

Step Zoom Surgical Operating Microscope 2 Function Foot Switch A41.1941

A41.1941, A41.1942, A41.1945 Surgical Operation Microscope

A41.1941 Operating Microscope, is Best Choice for Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery Operation. It has two heads both inclined 45°, using fiber-optic cable for coaxial illumination up to 60000 lux, manual 3 steps zoom body, total magnification 6x,10x,16x, standard objective F=200mm, optional objectives F=175mm, 250mm, 300mm, 350mm, 400mm, 450mm. Featured with 2 functions foot switch to control motorized Z focus, it is widely used in hospital for Ophthalmology.

A41.1942 is upgraded version, with 6 functions foot switch to control motorized X/Y move, Z focus.

A41.1945 is the highest model in this series, with motorized zoom 4x~24x objective, dual fiber halogen fiber light 100000 lux, 8 functions foot switch to control motorized X/Y move, Z focus & Zoom.

All 3 models can upgrade with optional beam splitter, SLR camera adapter, phone holder, CCD adapter for digital camera, for sharing real time image to LCD monitor, mobile phone or computer.

Features:

- Dual Head 180° Opposite, For Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery, ENT, Dental
- Eyepiece 12.5x, 3 Steps Manual Zoom 6x10x16x, or Continuous Zoom 4x~24x
- Objective F=200mm, 2nd Objective F=125mm, Halogen Cold Light, Max Brightness 60000 Lux to 100000 Lux
- 2 Functions, 6 Functions, 8 Functions Foot Switch, Control X/Y Move, Z Focus, Zoom
- Four Wheels Stand Swing Angle of Carry Arm 0~300°, Height From Objective to Floor 800mm

| | A41.1941 | A41.1942 | A41.1945 |
|----------------|---|---|--|
| Main Usage | For Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery, ENT, Dental | | |
| Eyepiece | WF12.5x | | |
| Head | Dual Heads For Two People Operation, Opposite In 180°, Interpupillary Distance 55~75mm, Both Left & Right Eyetube Diopter Adjustable ±6D | | |
| Main Head | Inclined 45° | Inclined 45° | Inclined 30°~90° |
| Magnification | 3 Steps 6x, 10x, 16x | 3 Steps 6x, 10x, 16x | 4x~24x Continuous Zoom |
| View Field | Dia.34mm, 20mm, 13mm | Dia.34mm, 20mm, 13mm | Dia.50~8.2mm |
| Zoom Body | 1:6 Motorized Continuous Zoom, Parallel Light System | | |
| Assistant Head | Inclined 45° | | |
| Magnification | 3 Steps 6x, 10x, 16x | 3 Steps 6x, 10x, 16x | 4x~24x Continuous Zoom |
| View Field | Dia.34mm, 20mm, 13mm | Dia.34mm, 20mm, 13mm | Dia.50~8.2mm |
| Main Objective | F=200mm, Optional F=175mm, 250mm, 300mm, 350mm, 400mm, 450mm | | |
| Assistant Obj. | F=125mm | | |
| Focus | Motorized Focus, Range +/-50mm, Speed 33s/Full Distance | | |
| Control | 2 Functions Foot Switch, Control Z Focus | 6 Functions Foot Switch, Control X/Y Move, Z Focus | 8 Functions Foot Switch, Control X/Y Move, Z Focus, Zoom |
| Stand | Four Wheels Moving Stand --Max Extended Length 1100mm --Max Rotatable Swing Angle of Arm 0~300° --Distance Between Objective And Ground Surface 800mm~1250mm | | |
| Illumination | Optical Fiber Coaxial Halogen Cold Light, Light Spot Dia.50mm, Intensity 60000 Lux. | | Dual Optical Fiber Coaxial Halogen Cold Light, Light Spot Dia.50mm, Intensity 100000 Lux. |
| Packing | 3 Cartons Total G.W 104Kg, Volume 0.3462CBM Head: 595×460×230(mm)/14kg Body: 1180×535×230 (mm)/45kg Stand:775×775×230(mm)/45kg | | 4 Cartons Total G.W 165Kg Volume 0.45CBM Head:595×460×230(mm)/14KG Body:890×650×265(mm)/41KG Control:1025×260×300(mm)/32K G Stand:890×865×200(mm)/78KG |

Our Product Introduction

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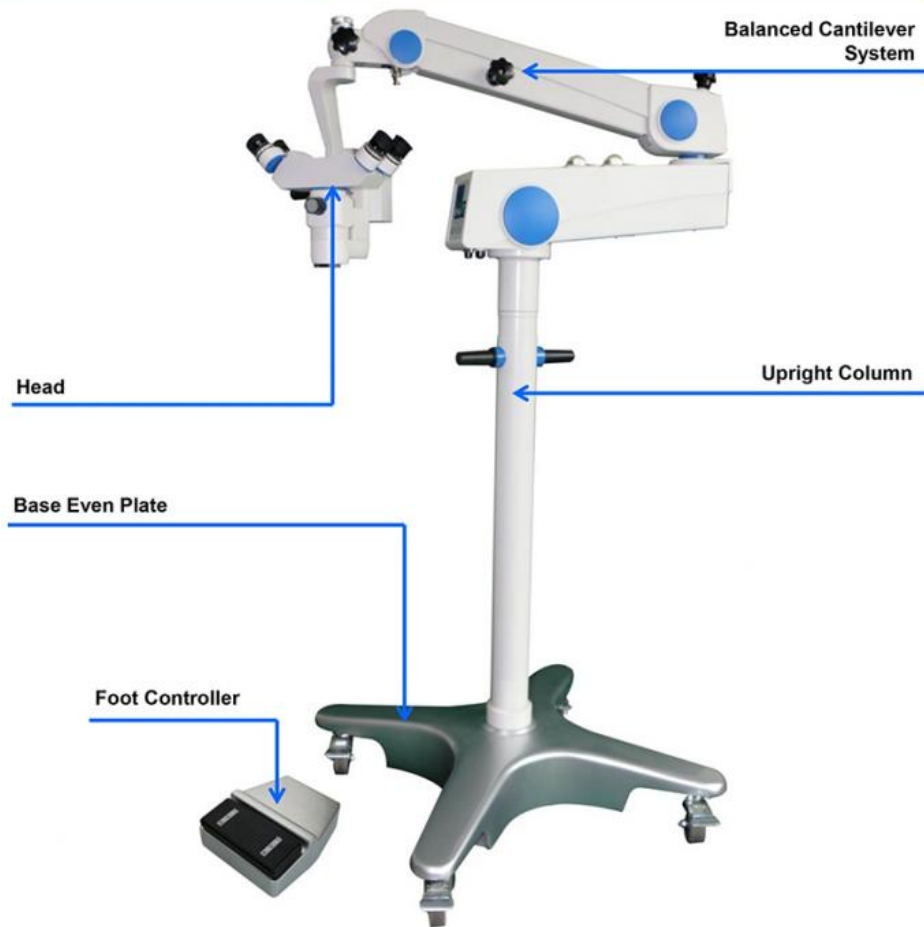
A41.1941

Operating Microscope, Dual Head,
Step Zoom, 6x10x16x, 2 Function Foot Switch,
For Orthopedics, Hand, Chest, Burn And Plastic Surgery,
Andrology, Genitourinary, Animal Anatomy



A41.1941 Details

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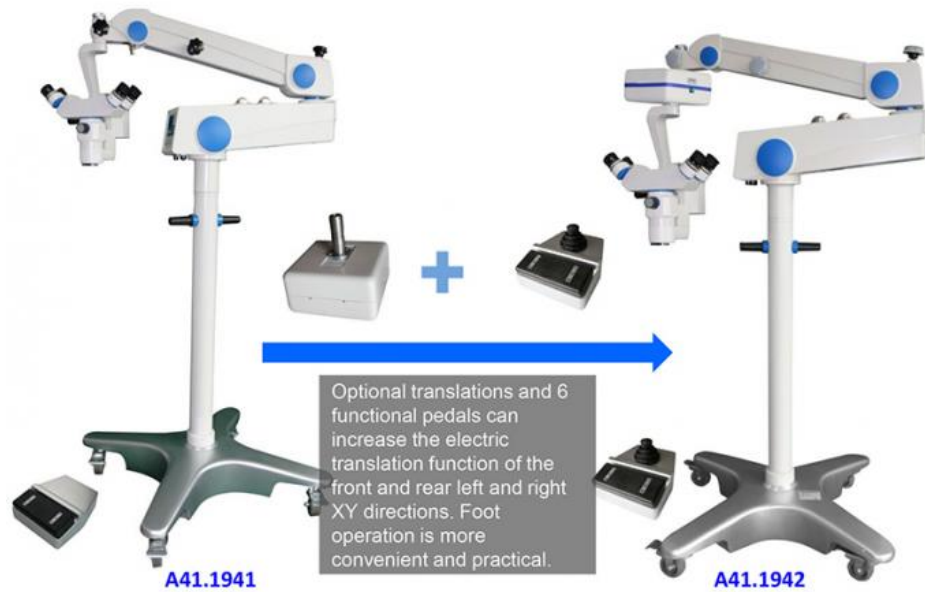


A41.1941 Operating Microscope, Dual Head, Step Zoom, 6x10x16x, 2 Function Foot Switch, For Orthopedics, Hand, Chest, Burn And Plastic Surgery, Andrology, Genitourinary, Animal Anatomy

- Dual Head 180° Opposite, For Orthopedics, Hand, Chest, Burn And Plastic Surgery, Andrology, Etc.
- Eyepiece 12.5x, 3 Steps Manual Zoom, Magnification 6x10x16x, View Field Dia. 34,20,13mm
- Objective F=250mm, 2nd Objective F=125mm, Halogen Light, Max Brightness 60000Lux
- 2 Functions Foot Switch, Motorized Zoom, Four Wheels Stand, Max Extend Range 1100mm
- Package 3 Cartons, Total G.W 104Kg, Volume 0.346CBM

A41.1941 Details

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Face to face Binocular tube





**Design Of The Same Height
(For A41.1941)**

It is suitable for microsurgery for hand surgery, finger replantation and finger suture.

Optional Binocular Tube Can Be Freely Combined To Meet Different Surgical



90° 、 180° Adjustable

Between main binocular tube and assistant tube, meets the needs of hand surgery, Department of orthopedics and ophthalmic surgery.



Three Person Tube

On the basis of the operation, the trial teaching function was added and recommended for teaching.

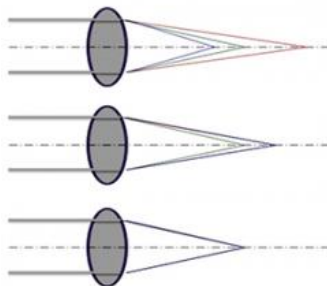
Multilayer Coating Technology, The Light Transmittance Is Up To 98%

Through multilayer coating technology, we can reduce light reflection attenuation, increase light transmission and improve brightness. The multilayer coating technology we use can achieve optical energy passing rate of 98%.



WF12.5X High Point Eyepiece

The unique design of the optical system, convenient for doctors with glasses.

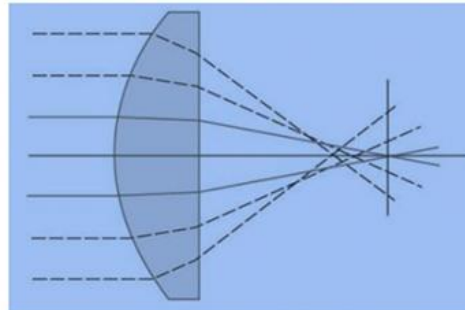
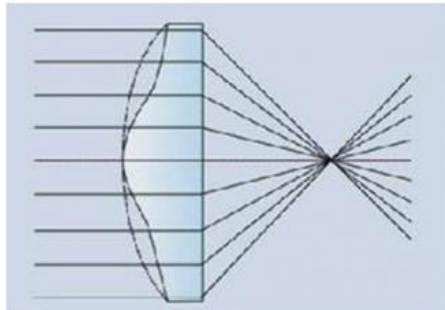


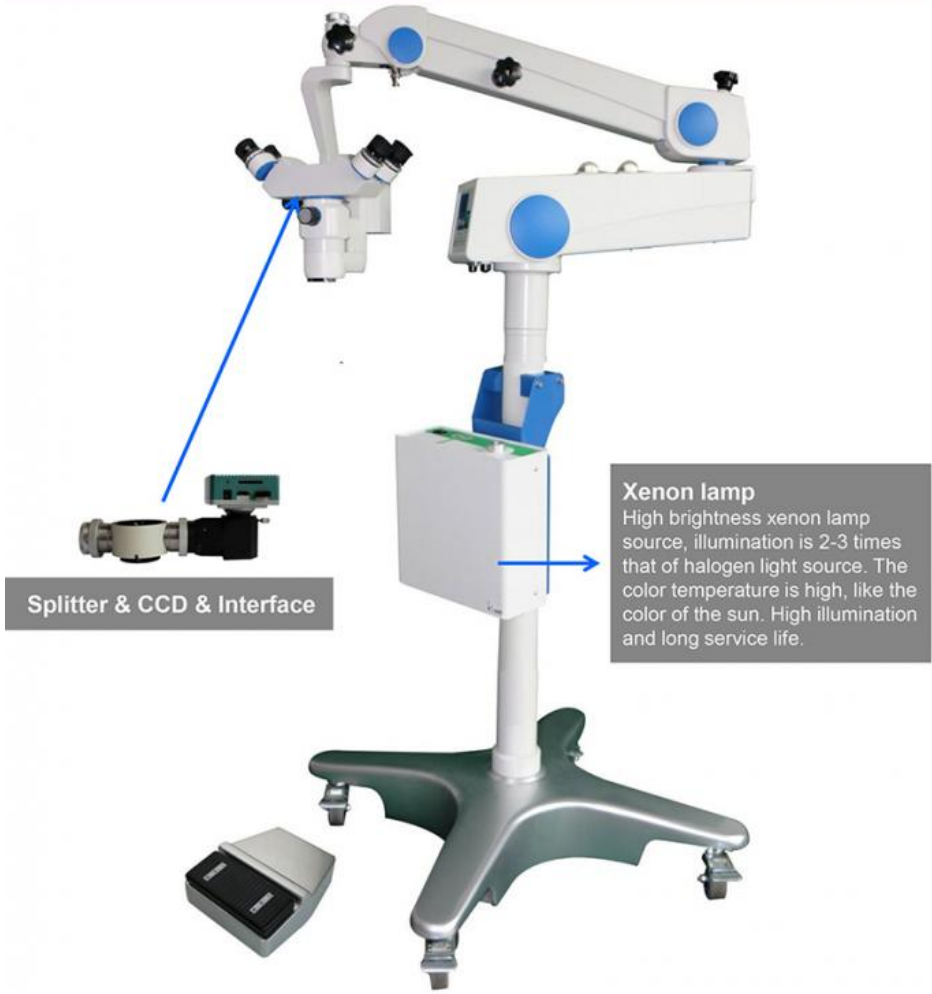
Complex Achromatic Objective Lens

Optical design of apochromatic correction can not only red green and blue three colors. Can correct the aberration of red, blue two color lights. Improve image resolution, contrast and depth of field

Aspheric Lighting Technology, Better Light Gathering Effect

The spherical illumination can not refract the light to the same surface, and cause the light to be more dispersed on the surface. The aspheric technology can increase the concentration effect and improve the brightness.





Camera System

Configure the wireless mouse operation, without the computer, free access to high definition images. The product interface is rich, HDMI and USB are synchronously output, high speed SD cards are photographed or recorded video. At the same time, it has the same screen image contrast, HDR (wide dynamic), image freezing, image inversion, digital amplification and other functions. It is widely used in video conferencing, telemedicine, micrograph, video projection and other fields.



A41.19 Series Optional Accessories

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| Optional Accessories | | Optional For | Cata. No |
|----------------------|---|--|--|
| Objective |  | F=175mm | A52.1941-175 |
| | | F=200mm | A52.1941-200 |
| | | F=250mm | A52.1941-250 |
| | | F=300mm | A52.1941-300 |
| | | F=350mm | A52.1941-350 |
| | | F=400mm | A52.1941-400 |
| | | F=450mm | A52.1941-450 |
| Zoom Objective |  | F=180-300mm | A41.192x Series A52.1941-180300 |
| | | F=200-500mm | A41.192x Series A52.1941-200500 |
| Head |  | Assistant Binocular Head | A41.192x Series A53.1941 |
| Beam Splitter |  | Wedge-shaped Splitter, 1 Port | A41.192x Series A55.1941 |
| |  | Beam Splitter, 2 Ports | A41.193x Series A41.194x Series A55.1942 |
| Adapter |  | SLR Digital Camera Adapter, For Canon or Nikon (Need Confirm Which Brand When Order) | A41.192x Series A41.193x Series A41.194x Series A41.195x Series All Models A55.1943 |
| |  | Mobile Phone Adapter & Holder | A41.192x Series A41.193x Series A41.194x Series A41.195x Series All Models A55.1944 |
| |  | Digital CCD Camera Adapter | A41.192x Series A41.193x Series A41.194x Series A41.195x Series All Models A55.1945 |
| Digital Camera |  | 38M, 1/2.3", Output HDMI+USB+TF Card, HDMI Resolution Photo 60M, Video 2K@30FPS, 1080p@60FPS, USB Resolution 2.0M, HDMI+USB Output At Same Time, USB Measuring Function, Input DC12V, C/CS Mount, Including HDMI Cable, USB Cable, Remote Controller, Adapter, Manual, 16G TF Card | A41.192x Series A41.193x Series A41.194x Series A41.195x Series All Models A59.4231 |
| Light Source |  | Xeon Light Source, 250W | A41.193x Series A41.194x Series A41.195x Series A56.4844 |
| BIOM System Kit |  | For Fundus Surgery, Splitter+Holder+130°+90° Lens, Mounting Kits For Zeiss, Leica, Topcon, Takagi, Corder | A41.193x Series A55.1931 |

A41.19 Series Model & Selection Guide



| Picture | Model | Magnification | Head & C-Mount | Standard Objective | Optional Objective | Optional | Light Source | Control | Package | Application |
|---------|----------|--|---|--------------------------|--|---|---|---|---|---|
| | A41.1921 | 6 Steps, 2.7x, 4.5x, 7.2x, 10.8x, 18x, 27x | One Head 0°-200° | F=250mm | F=175mm F=200mm F=300mm F=350mm F=400mm F=450mm F=180-300mm F=200-500mm | Assistant Head Beam Splitter SLR Adapter Phone Holder CCD Adapter | LED 60000 lux | Manual | 3 Cartons, Total G.W 111Kg, Volume 0.381CBM | ENT Dental |
| | A41.1926 | 2.5x-21x | One Head 0°-200° | F=250mm | F=175mm F=200mm F=300mm F=350mm F=400mm F=450mm F=180-300mm F=200-500mm | Assistant Head Beam Splitter SLR Adapter Phone Holder CCD Adapter | LED 60000 lux | Manual | 3 Cartons, Total G.W 111Kg, Volume 0.381CBM | ENT Dental |
| | A41.1931 | 3 Steps, 6x, 10x, 16x | Dual Head 90° 45°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen 60000 lux | 2 Function Foot Switch Z (Focus) | 3 Cartons, Total G.W 104Kg, Volume 0.346CBM | Ophthalmology Fundus Surgery |
| | A41.1932 | 3 Steps, 6x, 10x, 16x | Dual Head 45°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen 60000 lux | 6 Function Foot Switch X/Y/Z | 3 Cartons, Total G.W 104Kg, Volume 0.346CBM | Ophthalmology Fundus Surgery |
| | A41.1936 | Motor Zoom 4.5x-27.3x | Dual Head 30°-90°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen Dual Fiber 100000 lux | 8 Function Foot Switch X/Y/Z/Zoom | 4 Cartons, Total G.W 165Kg, Volume 0.45CBM | Ophthalmology Fundus Surgery |
| | A41.1941 | 3 Steps, 6x, 10x, 16x | Dual Head 45°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen 60000 lux | 2 Function Foot Switch Z (Focus) | 3 Cartons, Total G.W 104Kg, Volume 0.346CBM | Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery |
| | A41.1942 | 3 Steps, 6x, 10x, 16x | Dual Head 45°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen 60000 lux | 6 Function Foot Switch X/Y/Z | 3 Cartons, Total G.W 104Kg, Volume 0.346CBM | Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery |
| | A41.1945 | Motor Zoom 4x-24x | Dual Head 30°-90°+45° | F=200mm | F=175mm F=250mm F=300mm F=350mm F=400mm F=450mm | Beam Splitter SLR Adapter Phone Holder CCD Adapter | Halogen Dual Fiber 100000 lux | 8 Function Foot Switch X/Y/Z/Zoom | 4 Cartons, Total G.W 165Kg, Volume 0.45CBM | Orthopedics, Plastic Surgery, Hand Surgery, Thoracic Surgery |
| | A41.1960 | Motor Zoom 3x-16x | Dual Head 30°-90°+0° Beam Splitter | F=300mm Or F=250mm | F=175mm F=200mm F=250mm F=300mm F=350mm F=400mm F=450mm | SLR Adapter Phone Holder CCD Adapter | Halogen Dual Fiber 100000 lux | 8 Function Handle or Foot Switch X/Y/Z/Zoom | 4 Cartons, Total G.W 169Kg, Volume 0.45CBM | Neurosurgery Brain Surgery Dental ENT |
| | A41.1951 | 1.8x-21x | Dual Head 0°-200°+0° Beam Splitter Built-in CCD Software | Built-in F=200-450mm | / | SLR Adapter Phone Holder | LED +Halogen Dual Fiber 100000 lux | 12 Function Handle X/Y/Z/Zoom Auto Focus XY Pendulum Photo/Video Brightness | 4 Cartons, Total G.W 169Kg, Volume 0.45CBM | Neurosurgery Brain Surgery Dental ENT |



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