



## OPTO-EDU A63.7225 Thermal Emission Transmission Electron Microscope 200KV 800000x

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: CNOEC, OPTO-EDU
- Certification: CE, Rohs
- Model Number: A63.7225
- 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

- Accelerating Voltage: 200 KV, Factory Aligned At 80 KV And 200kV
- Electron Source: Polycrystalline Tungsten Or LaB6 Emitter
- TEM Point Resolution: 0.23 Nm
- TEM Information Limit: 0.2 Nm
- Magnification: 20x To 800000x.
- Goniometer: Eccentric Goniometer 5-axis Motorized,

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#### More Images

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## Product Description

Magnification 1x~800000x, TEM Point Resolution 0.23nm, TEM Information Limit 0.2nm  
 Accelerating Voltage 80~200kV, Eccentric Goniometer 5-axis Motorized, Compu Stage Double-tilt Holder  
 Oil Free Vacuum Pump, Gun Vacuum<1x10<sup>-6</sup>Pa, Column Vacuum<3x10<sup>-5</sup>Pa  
 Bottom Mounted CMOS 20M, 5120x3840, Including Computer, Software, 1 Year Warranty  
 Electron Source is Polycrystalline Tungsten or LaB6 Emitter, Optional EDS



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OPTO-EDU

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## A63.7225

Thermal Emission Transmission Electron Microscope,  
 (TEM), 200KV, 800000x



## A63.7225 Introduction

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**A63.7225** is a Thermal Emission Transmission Electron Microscope (TEM), 200KV, 800000x, independently developed & designed specifically for fields such as biology and medicine. This electron microscope design is easy to operate, and its large pole shoe design provides solutions such as 3D characterization, in-situ observation, and microcrystalline electron diffraction.



<b>Simple Operation</b>	Optimized panel and UI design, even beginners in transmission electron microscopy can directly operate the device; Provide instructional videos for operation.
<b>Auto Function</b>	Automatic insertion and removal of sample rods, automatic aperture control, etc.
<b>High Sensitive Camera</b>	The electron microscope is equipped with a highly sensitive CMOS camera, which can easily obtain high-quality images.

### A63.7225 Specification

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Thermal Emission Transmission Electron Microscope, 200KV, 800000x	
Accelerating Voltage	200 kV, Factory Aligned at 80 kV and 200kV
Electron Source	Polycrystalline Tungsten or LaB6 Emitter
TEM Point Resolution	0.23 nm
TEM Information Limit	0.2 nm
Magnification	20x to 800000x.
FEG Gun Vacuum	< 1x10 <sup>-6</sup> Pa,
TEM Column Vacuum	<5x10 <sup>-5</sup> Pa
Goniometer	Eccentric Goniometer 5-axis Motorized,
Camera	20M Speed Enhanced Bottom Mounted CMOS Camera EMSIS XAROSA 5120x3840
	Compu Stage Double-tilt Holder

Stage	X ±1mm, Y ±1mm, Z ±0.35mm, α ±25°, β ±25°
Upgradable	EDS Analysis
Warranty	Warranty One (1) Year.
Optional Accessories	
Installation	On-Site Installation & Operational Training Service Pack Optional
EDS	Bruker XFlash 7T30S



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