China

OPTO-EDU A63.7220 Field Emission Transmission Electron Microscope, 200KV, 1500000x

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:





Product Specification

- Accelerating Voltage:
- Electron Source:
- Probe Current:
- TEM Line Resolution:
- FEG Gun Vacuum:
- Goniometer:
- 200 KV, Factory Aligned At 80 KV And 200kV
 - High Brightness Schottky Field Emitter
 - ≥ 1.5nA/1nm Probe
- 0.23 Nm
- < 1x10-6Pa,
- Fully Eccentric Goniometer With All 5-Axis Motorized



More Images



Magnification 1x~1500000x, TEM Line Resolution 0.23nm, TEM Information Limit 0.2nm Accelarting Voltage 80~200kV, Eccentric Goniometer 5-axis Motorized, Compu Stage Double-tilt Holder Oil Free Vacuum Pump, Gun Vaccum<1x10-6Pa, Column Vaccum<5x10-5Pa Bottlm Mounted CMOS 20M, 5120x3840, Including Computer, Software, 1 Year Warranty Probe Current ≥1.5nA/1nm, Beam Current ≥50nA Available at 200kV, Upgradable STEM, Cryo Samples, Tomography, EDS



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A63.7220

Field Emission Transmission Electron Microscope (TEM), 200KV, 1500000x



A63.7220 Introduction



A63.7220 is a Field Emission Transmission Electron Microscope (TEM), 200KV, 1500000x, independently developed & designed for materials science, semiconductors and other fields. This electron microscope is designed to be easy to operate and highly stable, and can provide solutions such as in-situ, high-resolution and microcrystal electron diffraction.

Friendly Design	Refined appearance and UI design, brand-new vision, meet the operation needs of users
	of different levels; provide operation video tutorials.



Cryo-Sample Holder

- 1. Sample Size: φ3mm.
- 2. Alpha Tilt Range: ±70°.
- 3. Resolution: ≤0.34nm (In Any Direction).
- 4. Drift Rate: <1.5nm/min.
- 5. Field of View: ≥1.6mm@70°tilt.
- Molecular Pumping Station
- 1. Ultimate Vacuum Better Than 10e-7 mbar.
- 2.Multi-functional: Sample And Rod Storage, In-situ Rod Leak Testing.

A63.7220 Application





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