

# Resource Summary Report

Generated by [Kravitz](#) on Sep 10, 2026

## JEOL JEM-120i Transmission Electron Microscope

RRID:SCR\_028383

Type: Tool

### Proper Citation

JEOL JEM-120i Transmission Electron Microscope (RRID:SCR\_028383)

### Resource Information

**URL:** <https://www.jeol.com/products/scientific/tem/JEM-120i.php>

**Proper Citation:** JEOL JEM-120i Transmission Electron Microscope (RRID:SCR\_028383)

**Description:** Modern 120 kV Transmission Electron Microscope (TEM) designed for high-throughput screening and ease of use in biological, materials science, and nanotechnology research. Resolution: Achieves 0.14 nm (High Resolution) to 0.2 nm (High Contrast) lattice resolution. Magnification: Range from x50 to x1,500,000 (HR) or x1,200,000 (HC). Imaging System: Includes a 4-megapixel, high-speed, high-sensitivity JEOL CMOS camera (NeoView) as standard, with options for a 19-megapixel (SightSKY) camera. Versatile Applications: It can be used for cryo-TEM screening, material sciences, and high-throughput asbestos analysis.

**Synonyms:** JEOL JEM 120i TEM

**Resource Type:** instrument resource

**Keywords:** Transmission Electron Microscope (TEM), microscope, electron microscope, cryo-TEM screening, material sciences, high-throughput asbestos analysis,

**Specification URL:** [https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR\\_028383.pdf](https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_028383.pdf)

**Resource Name:** JEOL JEM-120i Transmission Electron Microscope

**Resource ID:** SCR\_028383

**Alternate IDs:** Model\_Number\_JEOL\_JEM\_120i

**Record Creation Time:** 20260505T054014+0000

**Record Last Update:** 20260905T133611+0000

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## Ratings and Alerts

No rating or validation information has been found for JEOL JEM-120i Transmission Electron Microscope.

No alerts have been found for JEOL JEM-120i Transmission Electron Microscope.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.