

Resource Summary Report

Generated by ASWG on Aug 3, 2026

Thermo Fisher: Apreo 2 FE-SEM Electron Microscope

RRID:SCR_028566

Type: Tool

Proper Citation

Thermo Fisher: Apreo 2 FE-SEM Electron Microscope (RRID:SCR_028566)

Resource Information

URL: https://www.thermofisher.com/us/en/home/electron-microscopy/products/scanning-electron-microscopes/apreo-sem.html?s_kwcid=AL!3652!3!!!!x!!!23931082701!&ef_id=CjwKCAjwx7RBhA5EiwAQ-AAdKq4znpxGGAZZCsxkSvupNVllqSqwXrQ7Ep1AX7OtXqfzmD-iUDcoBoCJeIQAvD_BwE:G:s&gad_source=1&gad_campaignid=23936293850&gbraid=0AAAAADxiAAdKq4znpxGGAZZCsxkSvupNVllqSqwXrQ7Ep1AX7OtXqfzmD-iUDcoBoCJeIQAvD_BwE

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Description: Thermionic field emission high-resolution scanning electron microscope designed to make high-performance imaging and analytics. Minimizes user intervention and lab management demands with its SmartAlign Technology, an auto-aligning optics system. Additionally, Thermo Scientific FLASH Technology automates image fine-tuning, correcting lens centering, stigmators, and final focus. Capabilities include 1-nanometer resolution at 10 mm analytical working distance, overcoming the typical trade-off between working distance and image quality.

Synonyms: Thermo Fisher Apreo 2 Variable Pressure Field Emission Scanning Electron Microscope (FE-SEM), Thermo Fisher Apreo 2 FE-SEM, Thermo Fisher Apreo 2 Field Emission Scanning Electron Microscope, Apreo 2 Variable Pressure Field Emission Scanning Electron Microscope

Resource Type: instrument resource

Keywords: Thermionic field emission, scanning electron microscope, microscope, variable pressure, imaging

Availability: Commercially available

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_028566.pdf

Resource Name: Thermo Fisher: Apreo 2 FE-SEM Electron Microscope

Resource ID: SCR_028566

Alternate IDs: Model_Number_Thermo Fisher_Apreo_2_FE-SEM

Alternate URLs: <https://www.mtu.edu/mcfff/instruments/electron-microscopy-core-lab/instrumentation/thermofisher-apreo2/>

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Ratings and Alerts

No rating or validation information has been found for Thermo Fisher: Apreo 2 FE-SEM Electron Microscope.

No alerts have been found for Thermo Fisher: Apreo 2 FE-SEM Electron Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.