

# Resource Summary Report

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## 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-AAdKq4znpxGGAZZCsxkSvupNVllqSgwXrQ7Ep1AX7OtXqfzmD-iUDcoBoCJeIQAvD\\_BwE:G:s&gad\\_source=1&gad\\_campaignid=23936293850&gbraid=0AAAAADxiAAdKq4znpxGGAZZCsxkSvupNVllqSgwXrQ7Ep1AX7OtXqfzmD-iUDcoBoCJeIQAvD\\_BwE](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-AAdKq4znpxGGAZZCsxkSvupNVllqSgwXrQ7Ep1AX7OtXqfzmD-iUDcoBoCJeIQAvD_BwE:G:s&gad_source=1&gad_campaignid=23936293850&gbraid=0AAAAADxiAAdKq4znpxGGAZZCsxkSvupNVllqSgwXrQ7Ep1AX7OtXqfzmD-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](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/mcff/instruments/electron-microscopy-core-lab/instrumentation/thermofisher-apreo2/>

**Record Creation Time:** 20260616T043402+0000

**Record Last Update:** 20260815T183322+0000

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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.

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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.