

Resource Summary Report

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Hitachi: HT7700 Transmission Electron Microscope

RRID:SCR_020022

Type: Tool

Proper Citation

Hitachi: HT7700 Transmission Electron Microscope (RRID:SCR_020022)

Resource Information

URL: https://www.hitachi-hightech.com/file/us/pdf/library/literature/HT7710_datasheet.pdf

Proper Citation: Hitachi: HT7700 Transmission Electron Microscope (RRID:SCR_020022)

Description: HT7700 Transmission Electron Microscope with Dual-Mode objective lens features superior high-contrast and high-resolution performance together with analytical capabilities for biological and materials science. Digital design and sophisticated automation increase throughput for both novice and advanced users. Maximize contrast by lowering the high voltage through the 120-40 kV range and continue operation seamlessly. Configure the HT7700 to meet all of your advanced sample analysis needs, with customization options for BF-/DF-STEM, EDX, in-situ, cryo-microscopy, and electron tomography.

Resource Type: instrument resource

Keywords: Hitachi, Transmission Electron Microscope, Instrument Equipment, USEDit

Availability: Commercially available

Resource Name: Hitachi: HT7700 Transmission Electron Microscope

Resource ID: SCR_020022

Alternate IDs: Model_Number_HT7700

Alternate URLs: https://www.hitachi-hightech.com/global/product_detail/?pn=em-ht7700

Record Creation Time: 20220129T080348+0000

Record Last Update: 20260912T195927+0000

Ratings and Alerts

No rating or validation information has been found for Hitachi: HT7700 Transmission Electron Microscope.

No alerts have been found for Hitachi: HT7700 Transmission Electron Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Fang Y, et al. (2026) Spinal cord injury-derived exosomes exacerbate damage: miR-155-5p mediates inflammatory responses. Neural regeneration research, 21(6), 2514.

Wang S, et al. (2025) IL-33 secreted from astrocytes alleviates cognitive impairment associated with neuropathic pain via oxidative stress in mice. Journal of neurophysiology, 133(6), 1919.

Medina-Puche L, et al. (2020) A Defense Pathway Linking Plasma Membrane and Chloroplasts and Co-opted by Pathogens. Cell, 182(5), 1109.