

Resource Summary Report

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Hitachi: HD2300 Transmission Electron Microscope

RRID:SCR_020027

Type: Tool

Proper Citation

Hitachi: HD2300 Transmission Electron Microscope (RRID:SCR_020027)

Resource Information

URL: <https://sites.northwestern.edu/shynesp Spotlight/2017/03/17/hitachi-hd-2300-dual-eds-cryo-stem/>

Proper Citation: Hitachi: HD2300 Transmission Electron Microscope (RRID:SCR_020027)

Description: Hitachi HD-2300 Dual EDS Cryo STEM (HD 2300) is a versatile Scanning Transmission Electron Microscope used for imaging and elemental analysis. The HD 2300 actually has three different electron detectors for different imaging modes (Transmitted Electron Detector, Annular Detector, and a Secondary Electron Detector) and features an electron Energy Loss Spectroscopy detector (EELS) and two EDS detectors (Energy Dispersive X-ray Spectroscopy) for elemental analysis and elemental mapping of a given sample. Overall, the HD 2300 is a multipurpose instrument for anyone who is looking to do research in material science, life science, chemistry and nanoscience.

Resource Type: instrument resource

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

Availability: Commercially available

Resource Name: Hitachi: HD2300 Transmission Electron Microscope

Resource ID: SCR_020027

Alternate IDs: Model_Number_HD2300

Record Creation Time: 20220129T080348+0000

Record Last Update: 20260801T190650+0000

Ratings and Alerts

No rating or validation information has been found for Hitachi: HD2300 Transmission Electron Microscope.

No alerts have been found for Hitachi: HD2300 Transmission Electron Microscope.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.