

Resource Summary Report

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University of Maine CORE Microfabrication Cleanroom Core Facility

RRID:SCR_028249

Type: Tool

Proper Citation

University of Maine CORE Microfabrication Cleanroom Core Facility (RRID:SCR_028249)

Resource Information

URL: <https://umaine.edu/core/cleanroom/>

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Description: Facility supports micro- and nanoscale fabrication, microsensor development, and atomic-scale materials synthesis. Provides comprehensive technical capabilities, including microlithography (mask aligners, photoresist processing, laser lithography), thin film deposition (e-beam evaporation, sputtering, PECVD, atomic layer deposition), and advanced characterization tools (profilometry, spectroscopic ellipsometry). Fabrication processes are supported by both dry etching (DRIE, RIE) and wet chemical processing (RCA clean, KOH etch, solvent benches), as well as thermal processing systems such as diffusion furnaces and rapid thermal annealing.

Synonyms: CORE Microfabrication Cleanroom

Resource Type: core facility, access service resource, service resource

Keywords: ABRF, micro- and nanoscale fabrication, microsensor development, atomic-scale materials synthesis,

Resource Name: University of Maine CORE Microfabrication Cleanroom Core Facility

Resource ID: SCR_028249

Alternate IDs: ABRF_5851

Alternate URLs: https://coremarketplace.org/RRID:SCR_028249/?citation=1

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Ratings and Alerts

No rating or validation information has been found for University of Maine CORE Microfabrication Cleanroom Core Facility.

No alerts have been found for University of Maine CORE Microfabrication Cleanroom Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.