

Resource Summary Report

Generated by [kravitz2](#) on Sep 5, 2026

University of Tennessee JIAM Diffraction Core Facility

RRID:SCR_018677

Type: Tool

Proper Citation

University of Tennessee JIAM Diffraction Core Facility (RRID:SCR_018677)

Resource Information

URL: <http://www.jiamdiffraction.com>

Proper Citation: University of Tennessee JIAM Diffraction Core Facility (RRID:SCR_018677)

Description: Provides users with access to Panalytical XPert3 MRD and Panalytical Empyrean XRD platforms to perform variety of X-ray diffraction experiments including phase identification, phase quantification, crystallite size and microstrain determination, pole figures, residual stress, high-temperature in situ measurements. These instruments are available for both assisted and unassisted use with prior approval.

Synonyms: JIAM Diffraction Facility, University of Tennessee JIAM X-Ray Diffraction Core, JIAM X-Ray Diffraction Core, JIAM X-ray Diffraction Core Facility

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

Keywords: USEDit, Panalytical XPert3 MRD, Panalytical Empyrean XRD, X-ray diffraction, phase identification, phase quantification, crystallite size, microstrain determination, residual stress, high temperature in situ measurements, ABRF, ABRF

Availability: Open

Resource Name: University of Tennessee JIAM Diffraction Core Facility

Resource ID: SCR_018677

Alternate IDs: ABRF_689

Alternate URLs: <https://coremarketplace.org/?FacilityID=689>

Record Creation Time: 20220129T080341+0000

Record Last Update: 20260904T000810+0000

Ratings and Alerts

No rating or validation information has been found for University of Tennessee JIAM Diffraction Core Facility.

No alerts have been found for University of Tennessee JIAM Diffraction Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.