

Resource Summary Report

Generated by RRID on Aug 7, 2026

University of Michigan High Temperature Corrosion Core Facility

RRID:SCR_026752

Type: Tool

Proper Citation

University of Michigan High Temperature Corrosion Core Facility (RRID:SCR_026752)

Resource Information

URL: <https://htcl.engin.umich.edu/>

Proper Citation: University of Michigan High Temperature Corrosion Core Facility (RRID:SCR_026752)

Description: Facility to conduct experimental research on corrosion, stress corrosion cracking, and hydrogen embrittlement experiments in high temperature aqueous and gas environments and, in particular, simulated light water reactor environments. Conducts both high and low temperature corrosion, stress corrosion cracking experiments, electrochemical tests and mechanical tests. Consists of refreshed autoclave systems (titanium, Inconel, or stainless steel construction), mounted in constant extension rate machines and constant load machine. Experiments can be done in range of environments, including supercritical water, simulated BWR and PWR water, high temperature steam, and gas environments. Each autoclave is isolated from the other systems with independent water and computer monitoring systems. The lab also contains two full-featured corrosion measurement systems and additional potentiostats.

Synonyms: University of Michigan High Temperature Corrosion Lab

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

Keywords: ABRF, corrosion, stress corrosion cracking, hydrogen embrittlement, high temperature aqueous and gas environments, light water reactor environments,

Resource Name: University of Michigan High Temperature Corrosion Core Facility

Resource ID: SCR_026752

Alternate IDs: ABRF_3150

Alternate URLs: https://coremarketplace.org/RRID:SCR_026752/?citation=1

Record Creation Time: 20250411T054944+0000

Record Last Update: 20260807T043049+0000

Ratings and Alerts

No rating or validation information has been found for University of Michigan High Temperature Corrosion Core Facility.

No alerts have been found for University of Michigan High Temperature Corrosion Core Facility.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.