

Resource Summary Report

Generated by PRECISE-TBI on Jul 31, 2026

Waters: DIL805 A/D/T Quenching Dilatometer

RRID:SCR_027558

Type: Tool

Proper Citation

Waters: DIL805 A/D/T Quenching Dilatometer (RRID:SCR_027558)

Resource Information

URL: <https://www.tainstruments.com/dil-805adt-quenching-dilatometers/>

Proper Citation: Waters: DIL805 A/D/T Quenching Dilatometer (RRID:SCR_027558)

Description: 805 Series Quenching Dilatometers are the benchmark instruments for scientists and engineers interested in determining dimensional changes and phase transformations of steel alloys. Extremely flexible and configurable, designed to accommodate a wide range of add-on modules enabling it to be tailored to specific user requirements. Quenching, compression, tension, alpha and sub-zero alpha modes all provide highly accurate dimensional change measurements under different conditions and environments. Used for determination of critical parameters in steel manufacturing and heat treatment processes.

Resource Type: instrument resource

Keywords: Dilatometry, determination of critical parameters, steel manufacturing, heat treatment, dimensional change measurements, quenching, compression, tension, alpha, sub-zero alpha, mode

Specification URL: https://raw.githubusercontent.com/SciCrunch/RRID-Instruments/refs/heads/main/PDF/SCR_027558.pdf

Resource Name: Waters: DIL805 A/D/T Quenching Dilatometer

Resource ID: SCR_027558

Alternate IDs: Model_Number_DIL_805

Alternate URLs: <https://research.manchester.ac.uk/en/equipments/dil805-adt-quenching-dilatometer>, <https://corefacilities.manchester.ac.uk/planning/?item=1120>

Record Creation Time: 20251017T060948+0000

Record Last Update: 20260725T191544+0000

Ratings and Alerts

No rating or validation information has been found for Waters: DIL805 A/D/T Quenching Dilatometer.

No alerts have been found for Waters: DIL805 A/D/T Quenching Dilatometer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.