

# Resource Summary Report

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## 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](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:** 20260808T190804+0000

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## 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.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.