

HAAKE MARS Rheometer Selection Guide

Select the right viscometer or rheometer according to your rheological demand. Whether you measure the flowability of paints and coatings, the consistency of new foods or analyze the viscoelastic properties of plastics, rely on our instruments to make life easier in the lab.

- **Easily interpret data:** intuitive software helps provide fast answers
- **Quick accessory setup:** “Assist” functions help move from one sample to the next
- **Around-the-clock support:** unrivaled warranties and technical support worldwide



	Thermo Scientific™ HAAKE™ MARS™ iQ Air Rheometer	Thermo Scientific™ HAAKE™ MARS™ 40/60 Rheometer*
Maximum available temperature range	-40 °C to +400 °C**	-150 °C to +600 °C***
Polymer melt rheology		
Oscillatory amplitude sweeps	✓	✓
Oscillatory frequency sweeps	✓	✓
Oscillatory time sweeps	✓	✓
Oscillatory temperature sweeps	✓	✓
Creep and recovery tests	✓	✓
Tests with solid specimens		
Dynamic mechanical thermal analysis (DMTA) in torsion with solids clamping tool		✓
Extensional testing of polymer films with Sentmanant Extensional Rheometer (SER) tool		✓
Hyphenated techniques		
Rheometry and optical microscopy		RheoScope Module
Rheometry and FTIR spectroscopy		Rheonaut Module
Rheometry and Raman spectroscopy		RheoRaman Module

* Rheometer Models with different specifications in terms of low torque and max. rotational speed.

** HAAKE MARS iQ Air Rheometer setup for testing polymer melts with upper and lower electrical temperature control modules.
Lowest available temperature depends on thermostat performance and utilized bath fluids.

*** HAAKE MARS 40/60 Rheometers with controlled test chamber (CTC) and low temperature option.

Find out more at thermofisher.com/rheometers

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