



RHEOMETER

(mod. Discovery HR20)

VENDOR: WATERS SPA/TA INSTRUMENT

YEAR OF ACQUISITION: 2024

SCIENTIFIC SUPERVISOR: Prof. Cristina Padula

Technical features:

- Accessories for rheological measurements in rotation and oscillation mode
 - Plates of 8 mm, 20 mm and 40 mm
 - Cone 60 mm
 - Peltier for temperature control in the range -40°C-200°C
- Accessories for powder characterization
 - Consolidation and flow test
 - Peltier for temperature control in the range -10°C-150°C
- DIN concentric cylinders system.
- Software TRIOS.

Applications:

Rheological measurement of solid, semi-solid and liquid samples, both in rotation and oscillation mode, in a wide temperature range, with an accurate temperature control.

Acquired for the Department of Excellence MUR 2023-2027