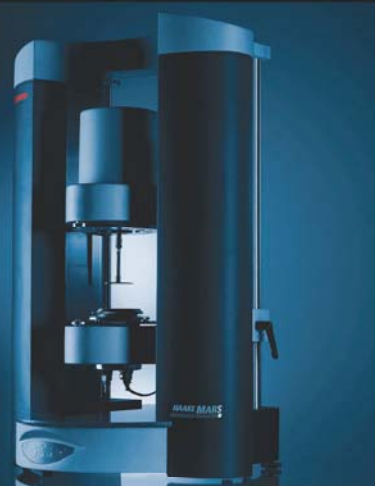


Accessory for HAAKE Rheometer



New measuring cell for rheology of building materials

In order to carry out measurements on samples with medium and large particles, a special measuring geometry is often the only way to get meaningful data with high reproducibility.

A new measuring cell has been developed for building materials, that can be used with the HAAKE MARS and RheoStress XXXX rheometers.

This measuring cell is characterized by its variable profile. For all existing coaxial cylinders, the profile is fixed and can not be changed. The profile of the new measuring cell is exchangeable, and the profile depth can be individually chosen for each lamella.

Lamellas with a profile depth of 2 mm are included in the standard delivery. Lamellas with 1 mm or 0 mm are available as options, and other profile depths are available on request.

Specially shaped vane rotors are included in the price list with 52 and 59 mm diameters.

The measuring cell is made of stainless steel in a very robust design. The surface's optimized structure guarantees easy cleaning.

When using the cell for construction materials in combination with a HAAKE MARS rheometer, the temperature can be controlled with suitable circulator. The temperature control unit is mounted on an adapter plate, in an overhang position and centered by the measuring cell. A temperature sensor is then used to measure the temperature within the sample. The temperature sensor can be positioned automatically and on a reproducible position with a swing mechanism.

A measuring cell cover is available as an optional accessory.

Key-words

- HAAKE Rheometer
- Rheology of building materials
- Coaxial cylinders
- Vane rotor

Order Information:

222-1792 Measuring cell for building materials for HAAKE rheometers, incl. 2 mm profile

Optional Accessories:

222-1796 Vane rotor R26 mm

222-1797 Vane rotor R29.5 mm

222-1798 Measuring cell cover

222-1793 Set of lamellas with profile depth 1 mm (8 pcs.)

222-1794 Set of lamellas with profile depth 0 mm (8 pcs.)

222-1795 Set of lamellas with profile depth 2 mm (8 pcs.)

222-1802 Temperature sensor for RSx00

(Optional) accessories for the HAAKE MARS rheometer:

222-1801 Adaptation plate for construction materials

222-1799 Liquid temperature control unit for construction material cell or individual measuring cells, with inner diameter of 94.2 mm \pm 0.1 mm, circulator required

222-1800 Temperature sensor with swing mechanism

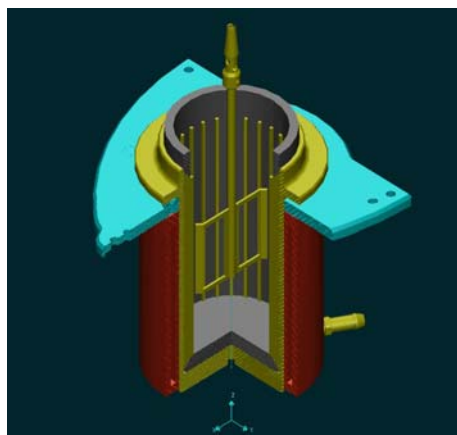


Fig. 1: Cross-section of the measuring cell for building materials with adapter plate, temperature control unit incl. vane rotor

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