

Thermo Scientific HAAKE Viscotester 1 plus & 2 plus

Application

These small, battery-operated rotational viscometers are suitable for quick and reliable tests and comparative measurements for quality control applications. The hand-held instruments can also be operated on a stand.

Order information

Order-No.	Description
399-0100	HAAKE Viscotester 1 plus: Basic instrument with batteries instrument holder 2 Measuring cups (A and B) 3 Rotors (No. 3, 4, 5) Delivered in a carrying case
399-0200	HAAKE Viscotester 2 plus: Basic instrument with batteries instrument holder 1 Measuring cup (3) 3 Rotors (No. 1, 2, 3) Delivered in a carrying case
222-1693	Calibration to a measuring accuracy of +/- 1% FSD (HAAKE Viscotester 2 plus)
222-1688	Battery charger incl. 4 AA batteries

User friendliness

The operation of the HAAKE Viscotester 1 plus & 2 plus is especially easy due to the one-button operation. The Viscotester is switched on and off by pushing the button once. Pushing the button again selects the rotor type and starts the measurement.

Digital display

Contrary to the traditional Viscotester models where the viscosity value is read from an analog dial, the HAAKE Viscotesters 1 plus and 2 plus show the viscosity value on a digital display. Therefore, errors caused by misreading the dial belong to the past. Possible handling errors as well as service information are also shown on the display.

Main features

- Quick, exact and reliable
- One button operation
- LCD display
- No mains supply required



Typical application fields

- Quick viscosity tests, e.g. for process optimization or machine adjustment
- Batch control in production

Typical samples

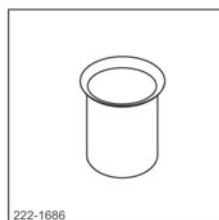
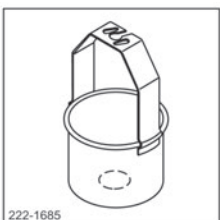
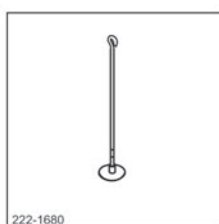
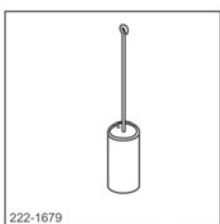
- Printing inks, paints, inks
- Shampoos, creams, lotions
- Oils, greases, pastes
- Sauces, thickeners

Measuring principle

A rotor rotating at a constant speed is immersed in the fluid to be tested; the fluid's resistance to the rotation measures the viscosity of the fluid. The small battery-operated rotational viscometer can be operated independent of a mains supply, so that quick and reliable viscosity measurements can be performed virtually everywhere.

Compatibility

Measuring cups and rotors of the previous models HAAKE VT01 and VT02 can also be used with the plus units.



Technical data

Viscosity range	1 plus: 1.5 - 330 mPas 2 plus: 0.3 - 4000 dPas
Temperature	up to 150°C
Rotor speed	62,5 rpm
Reproducibility	+/- 1% FSD
Measuring accuracy	standard: +/- 5% FSD optional: +/- 1% FSD (HAAKE Viscotester 2 plus)
Standard display	HAAKE Viscotester 1 plus η in mPas HAAKE Viscotester 2 plus η in dPas
Optional	HAAKE Viscotester 1 plus η in dPas HAAKE Viscotester 2 plus η in mPas