Competence creates Confidence.

Model no. H3008

K VALUE TESTER

ISO 1628-2

The test is used to determine the K value of PVC in a diluted solution at a temperature of 25 °C. The K value provides information for characterising the polymerisation of VC polymers.

Release 08/ 2025

The complete laboratory set for the determination of the K-value includes a Ubbelohde viscometer with measuring stand, the viscosity tester with printer, the bath thermostat with flow cooler and various items of glassware. Up to 10 automatic measurements can be taken per test series. These can be accessed via the display of the measuring device. A measurement printer can then be used to print the results. To make the test even easier, we recommend a unit that prepares the samples automatically and an optional piece of software for evaluating and archiving your test results.

Standard features

- Ubbelohde viscometer with measuring stand
- Viscosity tester with printer
- Bath thermostat with flow cooler and various glassware
- Complete test setup for performing the test in accordance with ISO 1628-2
- Fully automatic procedure for determining viscosity, subjective measuring errors are reliably eliminated
- Detailed, illustrated documentation ensures safe handling of solvents, glassware and samples
- The required test procedure can be preselected and started from the device
- The status display on the LC display continually updates you on the current test procedure
- Printer
- Clear user interface, clear status display – also without a PC!
- CE conformity

Version K VALUE TESTER		H3008-0004
VISCOSITY TESTER		
Time measurement accuracy	%	Min. ± 0.01
Accuracy display		± 1 digit (0.01s)
Measuring range	s	Up to 9999.99
Pump pressure	bar	Approx. 0.03 to 0.25 Automatically controlled
BATH THERMOSTAT		
Operating temperature	°C	10 to +95
Temperature constancy	°C	± 0.02
Pressure)	mbar	Max. 260
Flow	l/min	Max. 10
Heating power	W	1,000
Overtemperature limiter	°C	0 to 80
Width x depth x height	mm	355 x 250 x 370
Fill quantity	l	18
FLOW COOLER		
Operating temperature range	°C	-20 to +100
Cooling power		Up to 20 °C: approx. 150 W At -10 °C: approx. 70 W
GENERAL		
Permissible ambient temperature	°C	+5 to +30
Permissible ambient temperature	%	Max. 70 Non-condensing
Space required for test assembly	mm	1600 x 800
Voltage data		115 V, 230 V, 50/60 Hz

Accessories K VALUE TESTER

Product	Description	Model no.
	Analytical balance	H3000