

Model no. H3008

K-VALUE TEST INSTRUMENT



According to

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. 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 through cooler and various items of glassware. Up to 10 automatic measurements can be taken per test series. These can be retrieved via the display of the measuring instrument. 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.

EASY AND SAFE OPERATION

- > Detailed, illustrated documentation ensures safe handling of solvents, glassware and samples
- > The required test procedure can be preselected and started from the unit
- > The status display on the LC display continually updates you on the current test procedure

RELIABLE TEST RESULTS

- > Complete test assembly for testing in accordance with ISO 1628-2
- > Fully automatic procedure for determining viscosity. subjective measuring errors are reliably eliminated

LASTING EFFICIENCY

- > High-quality unit components guarantee a long service life

STATE-OF-THE-ART TECHNOLOGY

- > Clear user interface, clear status display - also without PC

VERSION K-VALUE TEST INSTRUMENT

VISCOSITY TESTER

Time measurement accuracy	%	min. ± 0.01
Display accuracy		± 1 Digit (0.01s)
Measuring range	s	up to 9999.99
Pump pressure	bar	ca. 0.03 bis 0.25 automatically controlled

✓

BATH THERMOSTAT

Operating temperature	°C	-10 to +95
Temperature constancy	°C	± 0.02
Pressure	mbar	max. 260
Flow rate	l/min	max. 10
Heating power	W	1,000
Overtemperature limiter	°C	0 to 80
Dimensions (W x D x H)	mm	355 x 250 x 370
Capacity	l	18

FLOW-THROUGH COOLER

Operating temperature range	°C	-20 to +100
Cooling power		at 20 °C: ca. 150 W at -10 °C: ca. 70 W

ALLGEMEIN

Printer		✓
CE conformity		✓
Permissible ambient temperature	°C	+5 to +30
Permissible relative humidity	%	max. 70 non-condensing
Space required for test assembly	mm	1,600 x 800
Voltage data		115 V, 230 V, 50/60 Hz

✓ included

+ available/optional

○ eligible

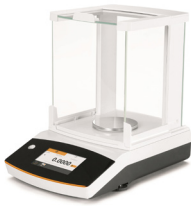
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ACCESSORIES K-VALUE TEST INSTRUMENT

Product

Description

Model no.



Analytical balance

H3000