



A different accompaniment, at your service



 **Kalstein**®

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LABORATORY SECTOR

VISCOMETER

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OUR SERVICES

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Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



KALSTEIN® Viscometer
Cosmetics Rotating Dial Viscometer
Model YR05851 // YR05852



Product Description:

Digital rotary viscosity operation is more convenient, more accurate value measurement, more complete functions, with LCD backlight display, program setting, automatic control, timing measurement, automatic scanning, error alarm and other functions. The screen shows the viscosity, temperature, timing measurement time, speed, rotor number, percent ratio, torque range of measurement to the viscosity and other information. The full range viscometer and the block linearity all through the computer interface with the standard silicone oil measurement correction, to ensure that the instrument has high sensitivity, high precision, high repetition. The measured data is accurate and reliable, with good reproducibility.

The apparent viscosity of absolute viscosity or non Newton type liquid our digital viscometer can be measured. The Newton type liquid viscometer data processing software can be summarized for rheological properties of non Newton liquid. Widely used in grease, paint, paint, textile, food, slurry, medicine, cosmetics and other adhesives, fluid, semi fluid production industry and scientific research units.

Features:

- ✓ Measurement data direct LCD screen display does not require two calculations
- ✓ Using the latest international microcomputer drive technology, import stepper motor, accurate speed, smooth and reliable
- ✓ The use of advanced switching power supply technology, voltage and frequency range wide, power fluctuations will not affect measurement accuracy
- ✓ Level display device is very convenient on the front of the viscometer
- ✓ All ranges, the display accuracy of viscosity value is accurate to two decimal places, that is, 0.01mpa.S.
- ✓ With the function of timing measurement, it is very useful for detecting non Newtonian liquid
- ✓ Using small sample adapters, the amount of sample required for each measurement is very small, 18ml.
- ✓ Automatic scanning function, the instrument can automatically recommend the best combination of rotor and speed
- ✓ Automatically display the maximum range of viscosity that the selected combination can measure
- ✓ With a print interface, you can directly connect to play micro printing machine, print a variety of data
- ✓ Optional data processing software, can record real-time viscosity with time, speed or rotor (shear rate), temperature changes vary, which provides a good method to understand the viscosity and rheological properties of non Newtonian liquids.



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Technical Description:

Model	YR05851	YR05852
Display mode	liquid-crystal display	
Speed (r/min)	6 / 12 / 30 / 60	0.3/0.6/ 1.5/3/6/12/30/60
Rotor	1#, 2#, 3#, 4# The 0# rotor is optional, for measuring ultra low viscosity below 15	
Measuring range	1~100,000	1~2,000,000
Sample size required for each measurement	250 – 400ml	
Viscosity display accuracy	0.01mPa.S	
Measurement error (Newtonian liquid)	±3%	
Repetitive error (Newtonian liquid)	±1.5%	
Timing measurement function	standard configuration	
Temperature measurement	standard configuration	
Measurement range display	Can automatically display the maximum viscosity of composite rotor and speed of the selected measurement value	
Constant temperature component	Option (special viscometer constant temperature bath, constant temperature cup, temperature probe, etc.)	
Data output interface	standard configuration	
Data processing software	option	
Working power supply	110V / 60Hz, 220V / 50Hz	
Outline dimension	300 × 300 × 450(mm)	



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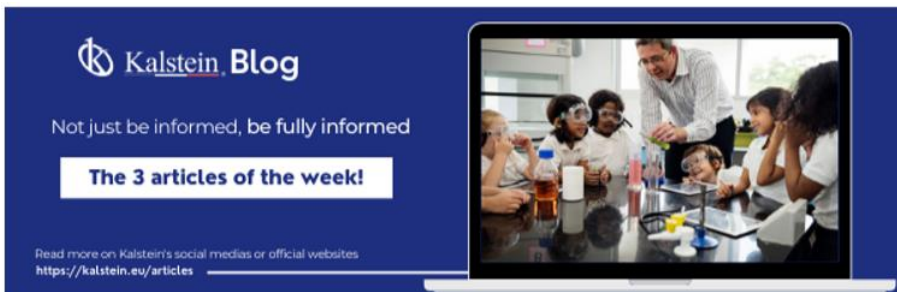
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