

Ubbelohde Viscometer LD-LUV-A12

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Overview

Ubbelohde Viscometer LUV-A12 has LCD display screen to show the running status of each measurement unit, precisely 6 units at the same time. It has 6 measuring positions & it can obtain intrinsic viscosity through one point method. There is no need to monitor the process after the start in this viscometer, the auto test runs continuously until the test gets completed. It accurately controls the temperature, time & flow rate of fluid tested. It meets FDA & GLP regulations on experiment data management.

Features:

- Display screen controls 6 units at the same time
- One point method / single concentration method
- Composed of Stainless steel material
- Automatic cleaning instead of manual cleaning
- No need to disassemble ubbelohde viscometer to avoid manmade damage
- All viscosity formulas present in the system, testing personnel can use them conveniently
- Data statistics function
- Provision of basic data for controlling quality of the products
- Can obtain intrinsic viscosity through one point method

Applications:

Ubbelohde viscometer helps in obtaining kinetic viscosity, Dynamic viscosity, Relative viscosity, Viscosity ratio, DP, intrinsic viscosity & average molecular weight of chemical fluids, polymers and biological fluids.

Specifications:

Bath volume	41 L
Heating power	1 kW, 220 V
Measuring range	0.3 - 50000 mm ² /s
Timing accuracy	0.01 s
Measure position	6
Temperature range	5 °C - 95 °C
Material applicable	PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLA,CA, PVC, SB, Chitin, PAN, TP etc.
Temperature accuracy	Better than ± 0.01 °C
Water bath Inner dimension	920 × 170 × 320 mm
Water bath Outer dimension	990 × 330 × 500 mm

Temperature fluctuation & uniformity	$\pm 0.01\text{ }^{\circ}\text{C}$
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