



Ubbelohde Viscometer

Ubbelohde Viscometer LUV-A1 Series

Ubbelohde Viscometer LUV-A series comes with screen which display the running status of each measurement unit, precisely 6 units at the same time. It comes with 2, 4, 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 and average molecular weight of chemical fluids, polymers and biological fluids.

Ubbelohde Viscometer LUV-A1 Series

Specifications

Type	LUV-A10	LUV-A11	LUV-A12
Measuring range	0.3..50000 mm ² /s	0.3..50000 mm ² /s	0.3..50000 mm ² /s
Measure position	2	4	6
Bath volume	25L	33L	41L
Timing accuracy	0.01s	0.01s	0.01s
Temperature range	5-95°C	5-95°C	5-95°C
Temperature fluctuation & uniformity	±0.01°C	±0.01°C	±0.01°C
Temperature accuracy	Better than ±0.01°C	Better than ±0.01°C	Better than ±0.01°C
Water bath Inner dimension	540×170×320mm	740×170×320mm	920×170×320mm
Water bath Outer dimension	610×270×500mm	810×270×500mm	990×330×500mm
Heating power	1kW, 220V	1kW, 220V	1kW, 220V
Material applicable	PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLA,CA, PVC, SB, Chitin, PAN, TP etc.	PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLA,CA, PVC, SB, Chitin, PAN, TP etc.	PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLA,CA, PVC, SB, Chitin, PAN, TP etc.

Accessories:

Viscometer tube washer

Automatic tube washer for Viscometer cleans 2 ubbelohde viscometer at the same time.

- Automatic addition for up to 3 detergents
- Comes with drying function
- One key operation
- Cleans 2 ubbelohde viscometer at a time

Type	Automatic viscometer tube washer
Cleaning + drying tme	20 minutes
Dimension	320×300×500mm
Power	AC (220±10)V, 50Hz