

**LABTRON**



# Automatic Ubbelohde Viscometer (B Series)

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## Automatic Ubbelohde Viscometer LUV-B10

Automatic ubbelohde viscometer with 180°C heated oil design measures viscosity of polymers with high temperature and it has 2 units for measurement. This viscometer is complied in accordance with ISO, ASTM, DIN standards. In this model everything from cleaning the capillary tube to testing is done automatically.

### Features

- 2 Measurement unit
- Composed of stainless steel material
- Polymer viscosity testing
- Automatic injection
- Provision of on line automatic cleaning instead of manual cleaning
- Less reagent consumption
- No need to disassemble ubbelohde viscometer to avoid manmade damage

### Applications

This ubbelohde viscometer is designed for viscosity testing of high temperature (kinetic viscosity, Dynamic viscosity, Relative viscosity) polymers.

### Specifications

Model no.	LUV-B10
Type	Automated Ubbelohde viscometer
Measuring range	0.35-5000 mm <sup>2</sup> /s
Measure position	2 (4 units measuring position at option)
Bath volume	12 L
Timing accuracy	0.01 s
Temperature accuracy	Better than ±0.01°C
Temperature range	5-95°C
Heating power	1 kW, 220V
Dimension (L*W*H)	660×320×680 mm
Material available	PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLA,CA, PVC, SB, Chitin, PAN, TP etc.

## Automatic (high temperature) Ubbelohde Viscometer LUV-B20

Automatic (high temperature) Ubbelohde Viscometer LUV-B20 with high temperature has 180°C heated oil design. It comes with oil bath medium, 1 measurement unit for viscosity. It is complied in accordance with ISO, ASTM, DIN standards. The less amount of reagents are consumed while using this viscometer. All the viscosity formulas are in the system, for the convenience of the testing personnel.

### Features

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- » 1 Measurement unit
- » High temperature environment
- » Less reagent consumption
- » Automatic cleaning instead of manual cleaning
- » No need to disassemble ubbelohde viscometer to avoid manmade damage
- » All viscosity formulas are in the system, testing personnel can use them conveniently
- » Data statistics function
- » Automatic injection

### Applications

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The high temperature ubbelohde viscometer has applications in measuring viscosity of high polymers such as UHMPE, PE, PP as it requires higher measuring temperature.

# Automatic Ubbelohde Viscometer B20

## Specifications

Model no.	LUV-B20
Type	Automated Ubbelohde viscometer High temperature range
Measure position	1
Oil bath medium	Polydimethylsiloxane
Oil bath Temperature range	10-180°C
Bath volume	8 L
Bath power	1.5 kW
Timing accuracy	0.001 s
Temperature accuracy	≤±0.03°C
Temperature fluctuation and uniformity	±0.03°C
Sample tray	50ml×6
Weight	50 kg
Heating power	3 kW
Dimension(L*W*H)	660×320×680 mm
Material available	UHMPE, PE, PP, PET, PS, SAN, PBT, PMMA, PCT, PA, PIB, TPU, PAM, PSU, PEN, PC, PLAM CA, PVC, SB, Chitin, PAN, TP etc.