



# Manual Polarimeter

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## Manual Polarimeter LPMR-A10

Polarimeter LPMR-A10 is an optical instrument which comes with 589 nm standard sodium lamp and -180°C to 180°C measurement range for determining the concentration of the optically active substance, dissolved in an optically inactive liquid. The angle of rotation to be measured depends on the nature of the test sample, the concentration of the optically active components, wavelength of light, temperature of the test sample & optical path length.

### Features

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- Manual polarimeter
- Built-in sodium lamp as light source
- Magnifier 3X
- Measured Wavelength 589 nm
- Wide measurement range -180°C to 180°C
- Measurement accuracy: 0.05°

### Applications

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Polarimeters are used in pharmaceuticals and chemical industry for testing of stereoisomers and other compounds, they are also used in food sugar, research industry

### Specifications

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Model no.	LPMR-A10
Rotational Measurement Range	-180°C to 180°C
Scale value	1°
Vernier scale	0.05°
Magnifier	3X
Wavelength	589 nm
Light source	Sodium lamp (built-in)
Test tube	50,100,200 mm
Dimension (L*W*H)	500×135×330 mm
Weight	5 kg
Power	AC 220V/50Hz

### Optional accessories:

- Polarimeter test tube: 100/200 mm
- Sodium lamp: 589 nm