



**AUTOMATIC POLARIMETER
WITH TOUCH SCREEN
MODEL : LI-P702**



**AUTOMATIC POLARIMETER
WITH TOUCH SCREEN
MODEL : LI-P702**



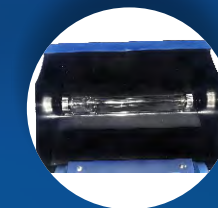
APPLICATIONS

- Quality and Process Control Application
- Pharmaceutical Industry
- Flavor, Fragrance and Essential Oil Industry
- Food Industry
- Chemical Industry
- Sugar industry
- Teaching in Colleges & Universities
- Research Institute

Lasany International



Mob: +91-9357947917,+91-8725830111
 Email: sales@lasanyspectrophotometers.com
 Website: www.lasanyspectrophotometers.com
 www.spectrophotometers.in
 www.spectrophotometersindia.com
 Skype ID: lasany.international



Perfection in
Laboratory Science

CE ISO 9001:2008
Certified Company

The Automatic touch screen polarimeter LI-P702 provide excellent application modes Without Sacrificing accuracy and precision it is an ideal instrument for various application.

Characteristics

- Need not prewarm when turning on.
- Measuring specific rotation, optical rotation, sugar degree and concentration
- Automatic repetition-measurement for 6 times, and calculation of average value and means square root
- Measurement of dark-colored sample
- USB & RS232

Technical Specifications

MODEL	LI-P702
4 Test modes	Optical rotation, specific rotation sugar degree and concentration
Light source	LED
Measurement range	± 45° (optical rotation ± 120° Z(sugar))
Wavelength	589nm
Minimum indicating value	0.001° (optical rotation)
Accuracy	a)±0.01° (-15° < optical rotation <+15°) b)±0.02° (optical rotation<-15° or optical rotation>+15°)
Repeatability	0.002° (optical rotation)
Display	Color Touch Screen
Test tube	200mm, 100mm
Sample transmittance	> 1%
Interface:	USB & RS232
Operation voltage	220V± 22V, 50Hz or 110V± 11V, 60Hz
Overall Dimensions	850mm x 500mm x 470mm
Weight(Gross)	38kg

Standard Accessories

- 1.Sample Tubes 100mm, 200mm
- 2.Software Cable
- 3.Main Lead
- 4.Fuse
- 5.Instruction manual



There are four Measuring Application modes.

- 1.OPTICAL ROTATION
- 2.SPECIFIC ROTATION
- 3.CONCENTRATION
- 4.SUGAR DEGREE



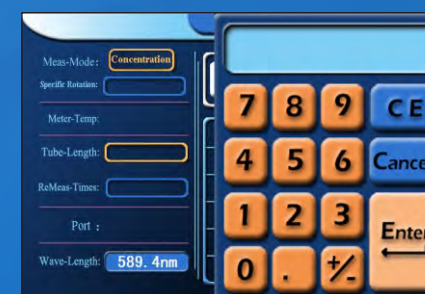
Optical rotation, Measuring modes: optical rotation, specific rotation, concentration and Sugar degree.

1.Optical Rotation :

The Optical Measure mode Measuring The Optical Rotation of Sample

2. Specific Rotation :

The Specific Rotation Measure Mode Measuring The Specific Rotation of Sample.



press 'tubelength' to change the length

3. Concentration :

The Concentration Measure Mode Measuring The Concentration Value of the Sample.

4.Sugar Degree :

The Sugar Degree Measure Mode Measuring The Sugar Scale Degree of Sample of Sugar Solution.



press 'ReMeas' to test the sample.



Sample compartment .