FEATURES

DP40T

- Measuring Specific Rotation Optical Rotation, Concentration and Sugar Degree.
- Polarimeter adopts the principle of photoelectric automatic measurement.
- 4 measurement modes to choose. It automatically retested 6 times and calculate the average value
- Touch screen Colour Display.
- USB communication Interface.

SPECIFICATIONS

HSN : 90275030

PRODUCT NAME	AUTOMATIC POLARIMETER
MODEL	DP40T
Display	Touch screen
Measuring Mode	Optical Rotation, Specific Rotation, Sugar Degree, Concentration
Light Source	LED + Interference Filter
Wavelength	589.44nm
Measuring Range	$\pm 45°$ (Optical Rotation)
Measuring Range - Sugar	$\pm 120°Z$
Minimum Indication Value	$0.001°$
Repeatability- Optical Rotation	$\leq 0.003°$
Test Tube – Standard	100mm & 200mm
Transmission	10%
Interface	USB
Power Supply	AC 220V / 50Hz
Dimension & Gross Weight	730 x 480 x 470 mm & 36kg

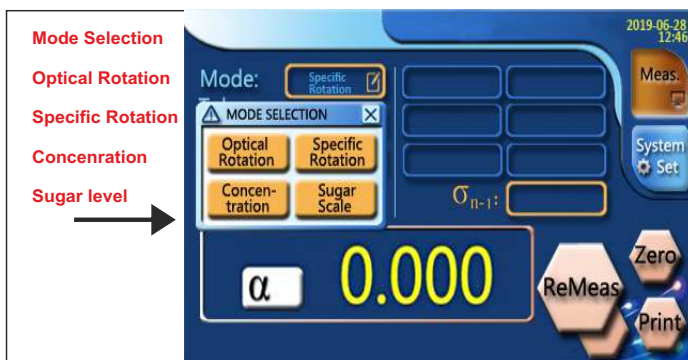* Specifications are subject to change without Notice
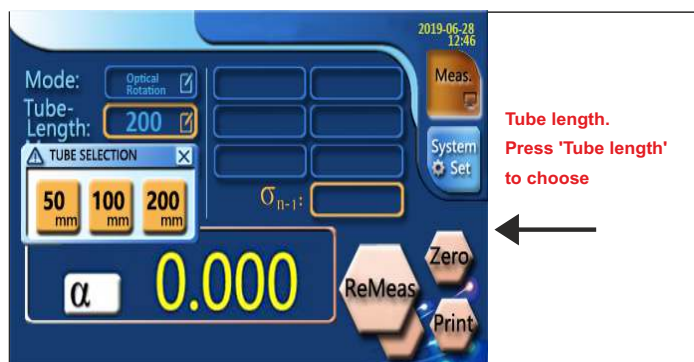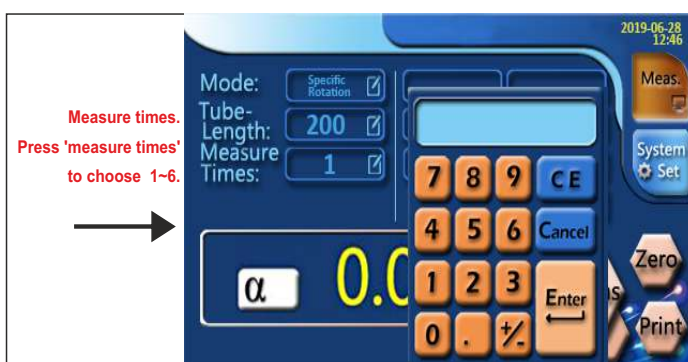
Functions   DP40T
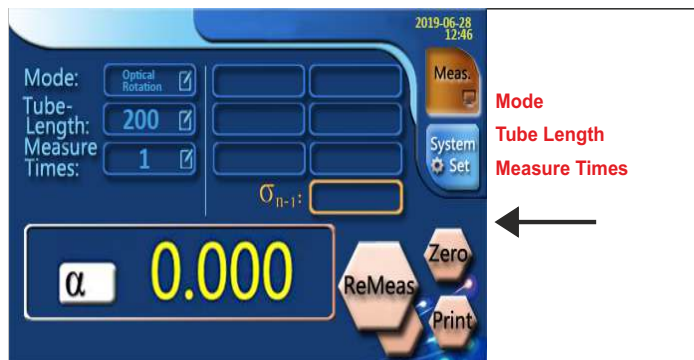
Mode
Tube Length
Measure Times

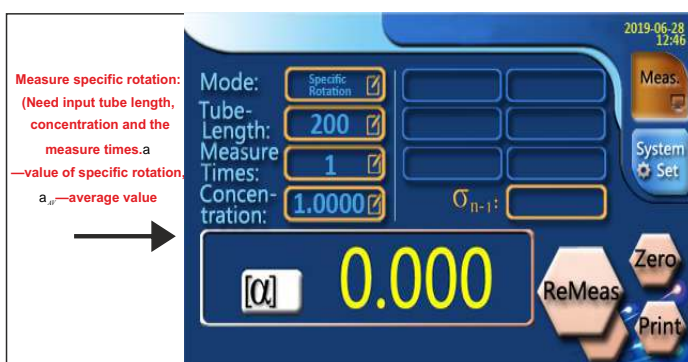**Mode Selection**
Optical Rotation
Specific Rotation
Concenration
Sugar level

Tube length.
Press 'Tube length'
to choose

Measure times.
Press 'measure times'
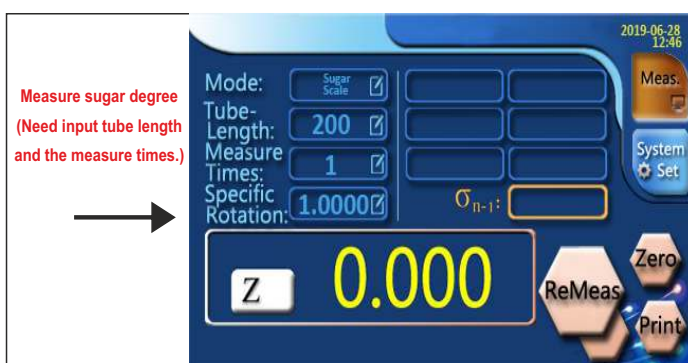**to choose 1~6.**

System settings.
Press 'System set'

Measure specific rotation:
(Need input tube length,
concentration and the
measure times.a
—value of specific rotation,
a$_{av}$—average value
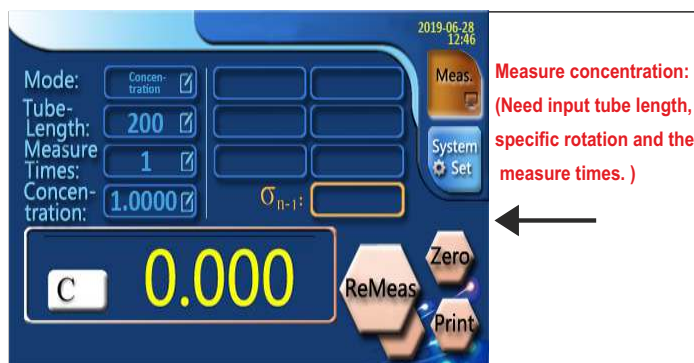
Measure concentration:
(Need input tube length,
specific rotation and the
measure times.)

Measure sugar degree
(Need input tube length
and the measure times.)