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# Digital Automatic Polarimeter, Touch Screen

## Product Image

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## Description

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Catalog No. 100799

Digital Automatic Polarimeter, Touch Screen - Model 7510

## TECHNICAL SPECIFICATIONS

4 Test modes	Optical rotation, specific rotation, sugar degree and concentration
Light source	LED
Measurement range	$\pm 45^\circ$ (optical rotation) $\pm 120^\circ$ Z(sugar)
Wavelength	589.3nm
Minimum indicating value	0.001° (optical rotation)
Accuracy	a) $\pm 0.01^\circ$ ( $-15^\circ < \text{optical rotation} < +15^\circ$ ) b) $\pm 0.02^\circ$ (optical rotation $< -15^\circ$ or optical rotation $> +15^\circ$ ) Repeatability 0.002° (optical rotation)
Display	Color Touch Screen
Test tube	200mm, 100mm
Sample transmittance	$> 1\%$
Interface	USB & Rs232
Operation voltage	220V $\pm$ 22V, 50Hz
Overall Dimensions	850mm x 500mm x 470mm
Weight(Gross)	38kg
Software	Yes

## SALIENT FEATURES

- ✓ Touch Screen Colour Display
- ✓ Temperature Display
- ✓ Measurement of dark-colored sample
- ✓ USB & RS232
- ✓ No warm-up time is required when instrument is switched on
- ✓ Insulated Sample chamber to keep sample temp. constant
- ✓ Photodiode Detector

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.