

**7510**

## AUTOMATIC POLARIMETER TOUCH SCREEN

### TECHNICAL SPECIFICATION

#### 4 TEST MODES

: Optical rotation, Specific rotation sugar degree and concentration

#### LIGHT SOURCE

: LED

#### MEASUREMENT RANGE

:  $\pm 45^\circ$  (optical rotation  $\pm 120^\circ \text{C}$  (Sugar)

#### WAVELENGTH

: 589.3 nm

#### MINIMUM INDICATING VALUE

:  $0.001^\circ$  (optical rotation)

#### ACCURACY

: a)  $\pm 0.01^\circ$  ( $-15^\circ < \text{optical rotation} < +15^\circ$ )

b)  $\pm 0.02^\circ$  (optical rotation  $< -15^\circ$  optical rotation  $> +15^\circ$ )

#### REPEATABILITY

:  $0.002^\circ$  (optical rotation)

#### DISPLAY

: Color Touch Screen

#### TEST TUBE

: 200mm, 100mm

#### SAMPLE TRANSMITTANCE

:  $> 1\%$

#### INTERFACE

: USE & RS232

#### OPERATION VOLTAGE

:  $220\text{V} \pm 22\text{V}$ , 50Hz

#### OVERALL DIMENSIONS

: 850mmx500mmx470mm

#### WEIGHT(GROSS)

: 38Kg

#### SOFTWARE

: Yes



### SALIENT FEATURE

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

