

**Polarimeter SAC-i 589/882****ATAGO CO.,LTD****Polarimeter SAC-i 589/882**

Measurement Scales: Angle of rotation, specific rotation, International Sugar Scale, concentration, purity.

- Wavelength measurement at 589 nm (equivalent to the sodium-D line spectrum) and 882 nm (near infra red)
- Measurement stability in 13 seconds (4 seconds in the high-speed and consecutive measurement mode)
- Resolution of up to 3 decimal places
- Repeatability of $\pm 0.003^\circ$ Angle of Rotation and $\pm 0.009^\circ Z$
- Up to 999 automatic consecutive measurements followed by average value display
- Sleep and timer feature to take measurement later at specified time
- Improved usability due to touch screen technology
- Connectivity to RX Digital Refractometers for automatic purity measurement

Specifications**Measurement range****Angle of rotation:**

International standard sugar scale: -89.999 to $+90.000^\circ$ or -360 to $+360^\circ$

-259 to $+259^\circ$

Resolution**Angle of rotation:**

International standard sugar scale:

0.001°

$0.001^\circ Z$

Measurement accuracy**Angle of rotation 589 / 882 nm:**

International standard sugar scale 589 / 882 nm:

$\pm 0.005^\circ$ / $\pm 0.010^\circ$ (-45 to $+45^\circ$)

$\pm 0.015^\circ Z$ / $\pm 0.0700^\circ Z$ (-130 to $+130^\circ Z$)

Measurement temperature range: 5 to $40^\circ C$

Observation tubes: 100mm (5ml), 200mm (10ml)

Power supply: 100-240V, 50/60Hz a.c.

Dimensions:

Weight: 600 x 365 x 210mm

20kg



Code	Description	Packaging
LLG09801474	Automatic Polarimeter SAC-i	1 pz.



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