

# LAURENT'S POLARIMETER - LED MODEL

Reference : POLARLED



The new Zuzi 404-LED polarimeter is a rugged device particularly suitable for simple laboratory applications and for teaching work that requires understanding of the concepts of polarised light, optical rotation or optically active substances.

This new model incorporates an LED diode lighting source, with a lifespan 500 times greater than sodium lamps, and offers an alternative to conventional polarimeters.

Strong and robustly built, it works on the principle of semi-shadow. The reading is done through an eyepiece with two verniers. It comes with all the accessories needed for its use.

Technical characteristics:

- Measurement range: 0-180°
- Scale precision: 1°
- Readability (via Vernier): 0.05°
- Magnification of the reading lens 4x
- Light source: LED + filter
- Wave length: 589 nm
- Tubes supplied (glass): 100 and 200 mm

- Admissible tubes: Up to 220 mm
- Power supply: 230 V / 50 Hz
- Dimensions: 540 x 220 x 380 mm
- Mass: 5 Kg

<b>Reference</b>	POLARLED
<b>Light source</b>	LED + Filter
<b>Measurement range</b>	0-180°
<b>Number of scales</b>	2
<b>Precision</b>	1°
<b>Readability (with Vernier)</b>	0.05°
<b>Magnification of reading lenses</b>	4x
<b>Wavelength</b>	589 nm
<b>Tubes supplied (glass)</b>	100 and 200 mm
<b>Admissible tubes</b>	Up to 220 mm
<b>Power supply</b>	230V / 50Hz
<b>Dimensions</b>	540 x 220 x 380 mm
<b>Mass</b>	5 Kg