



**FAVS**

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**polerimeters**

**ZUZI  
404-LED**

## polarimeter ZUZI 404-LED

The new Zuzi polarimeter model 404-LED, is a robust equipment specially aimed to simple laboratory applications and to those educational works that require the comprehension of concepts such as polarized light, optical rotation and optically active substances.

This new model 404-LED is provided with a LED diode as light source, thus offering a good alternative against conventional polarimeters since the life time of LED diode is around 500 times higher than that of the sodium vapour lamp.



## polarímetro 404-LED: technical features

Made with a solid and robust structure, it operates according to the half-shade principle and reading is obtained through an eyepiece with two vernier scales; it is supplied with all the accessories needed for use.

- [01] Energy-saving, long-life LED diode (wavelength 589.3 nm).
- [02] Inclined sample compartment for tubes up to 220 mm.
- [03] Double scale with vernier to avoid eccentricity differences.

- [04] Eyepiece with diopter adjustment
- [05] Two lateral 4x magnifying glasses to easily read the scale.
- [06] Supplied with two simple tubes 100 and 200 mm-long respectively.

[1] Energy-saving, long-life LED diode (wavelength 589.3 nm).



[2] Inclined sample compartment for tubes up to 220 mm.



[3] Eyepiece

[4] Two lateral 4x magnifying glasses



polarimeter ZUZI 404-LED

**polarimeter  
404-LED:**

**technical  
features**



Code	50404010
Model	404-LED
Measuring range	2 semi-circles (0-180°)
Scale division	1°
Reading precision (with vernier)	0.05°
Magnification of lateral glasses	4x
Light source	LED+filter
Approx. stabilization time	Immediate
Wavelength	589 nm
Tube length	100 y 200 mm
Max. tube length	Up to 220 mm
Power	220 V / 50 Hz
Working current	1 A
Consumption	80 W
Weight	5 Kg
Dimensions	540x220x380 mm

## polarímetro 404-LED: equipment parts

