



# MANUAL POLARIMETER 404

Code HMB007

Certain substances are optically active, it means, they are capable of rotating the plane of the polarized light. This is a very useful characteristic since the measurement of the optical rotation by a polarimeter allows determining the concentration, content and purity of the optically active substance.

The Zuzi manual polarimeter model 404 is a robust and easy-to-use instrument ideal for applications in food, pharmaceutical and chemical industry as well as for educational purposes.



## Technical specifications

Code	HMB007
N° scales	2
Illumination	Sodium lamp
Measuring range	$\pm 180^\circ$
Scale divisions	$1^\circ$
Vernier reading	$0.05^\circ$
Weight	7.5 Kg
Dimensions (LxAxH)	480x135x325 mm
Power	CA220V, 50-60Hz

## Features of the equipment and accessories included

- Made of plastic structure
- It is equipped with a sodium vapour lamp (wavelength 589.3 nm)
- An inclined sample compartment that can accommodate tubes up to 220 mm long
- Double reading scale with vernier to avoid differences due to eccentricity
- The eyepiece is provided with dioptre adjustment
- Two lateral 4x magnifying glasses facilitate scale readings
- Supplied with two sample tubes of 100 and 200 mm long respectively.