



▶ HMB - Polarimeters

▶ 412 model

Since model 412 automatic polarimeter uses the photoelectric detection automatic balance principle, it can be used to make a measurement automatically. It is characterized by its small size, high sensitivity, easy reading, etc... Furthermore, this instrument is also suitable to the sample of low optical rotation which is difficult to be analyzed by the visual polarimeter.

1| Photoelectric detection, with RS 232 output

2| Repetition of measurement 3 times and calculation of average value.

3| High sensitivity suitable for sample of low optical rotation which are difficult to be analyzed by the optical polarimeter.

4| Supplied with two samples tubes of 100 and 200 mm long respectively.



Code	HMB003
Range	± 45°
Resolution	0.005°
Accuracy	± (0.01° + Measured value x 0.05 %)
Min. penetrability of sample	10%
Speed	1,3 °/s
Monochromic light source	LED lamp + filter (589.4 nm)
Test tubes	100 mm and 200 mm
External size	620x390x260 mm
Weight	22 kg

▶ HMF - Calibration pieces (not included)



1| Quartz pieces with metal mount, supplied in case.

Code	Description
HMF001	Quartz piece for calibration of polarimeter +5°
HMF002	Quartz piece for calibration of polarimeter -5°
HMF003	Quartz piece for calibration of polarimeter +17°
HMF004	Quartz piece for calibration of polarimeter -17°
HMF005	Quartz piece for calibration of polarimeter +35°
HMF006	Quartz piece for calibration of polarimeter -35°

▶ HMG - Accesories (not included)



Code	Description
HMG002	Rubber joint for test tubes
HMG003	Test tubes stopper
HMG004	Test tubes circular glass disk 15 mm
HMG005	Test tubes for polarimeter 100 mm
HMG006	Test tubes for polarimeter 200 mm