

## Ceti Dual Scale Polaris Automatic Polarimeter

**Product Code:** 9100.6000M

**Brand:** Ceti

The Ceti Dual Scale Polaris Automatic Polarimeter is an excellent choice for performing standard laboratory applications where a measurement accuracy of  $\pm 0.01^\circ$  is necessary. It can carry out tasks within their measuring time (approx. 1 second). All results are clearly shown on its unique LCD display.

This laboratory polarimeter includes a self test for rotating the angle and sugar degree as one complete operation based upon the mean average. It also has an efficient chamber to control the temperature of samples and can measure dark coloured samples. Supplied with USB and RS232 interfaces.



### Specifications

<b>Type</b>	Automatic
<b>Measuring Range</b>	Dual Scale: $-45^\circ$ to $+45^\circ$ & $-120^\circ$ to $+120^\circ$
<b>Measuring Time</b>	1°/s
<b>Minimum Reading</b>	0.001°
<b>Accuracy</b>	$\pm 0.01^\circ$
<b>Repeatability</b>	$> 1\% \leq 0.002^\circ$
<b>Resolution</b>	0.005°/0.001°
<b>Minimum Sample Transmittance</b>	1%
<b>Light Source</b>	LED
<b>Dimensions (W x D x H)</b>	850 x 470 x 380mm
<b>Weight (kg)</b>	32

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