

## Polarimeter ADP640 with 405nm, 436nm, 546nm & 589nm Multiple Wavelengths and Peltier Temperature Control

Order code: **0507.3764**



Cena bez DPH 22.800,00 Eur

Price with VAT 27.588,00 Eur

### Parameters

Range - Angular (°A) -355 ... +355

Quantitative unit ks

Bellingham + Stanley Polarimeter ADP640 with 405nm, 436nm, 546nm & 589nm multiple wavelengths and peltier temperature control for measuring optical rotation. Suited for use by scientists wishing to measure chiral compounds and other optically active substances in the chemical, pharmaceutical and food sectors as well as for use in academic research.

- Peltier temperature controlled
- Four decimal place resolution
- Conforms to USP/EP/BP/JP
- RFID user clearance
- High Definition touchscreen

General Specifications	
Range (°A)	± 89 (-355 to +355 via Method selection)
Resolution (°A)	0.0001
Accuracy (°A)	± 0.003 (@546 & 589nm) / ± 0.005 (@325, 365, 405, 436 & 633nm)
Temperature Range	15-35°C
Temperature Control / Accuracy	Peltier / ± 0.2°C
Temperature Compensation	None, sugar, quartz, user defined
Optical Density Range	0.0 to 3.0 OD
Methods	Specific Rotation, % Concentration, % Invert Sugar, % Inversion (A-B)
Temperature Set Points	20 & 25 °C (variable between 20-30 °C via Method)
Reading Time	15-60 seconds @ 546/589nm and 20/20°C (instrument/sample)
Tube Length	5-200mm
Tube Diameter	3-8mm
User Interface	High Definition 7.4" touch-screen color display
Light Source	UV/Vis lamp (6V, 2A >1000hrs) and narrow band pass filter(s)
Interfaces	4 x USB, 1 x Ethernet, 1 x RS232
Power Supply	100-250V~, 50-60 Hz. <6A.