

РТ

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231	Казань (843)206-01-48	Новокузнецк (3843)20-46-81	Смоленск (4812)29-41-54
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Владивосток (423)249-28-31	Красноярск (391)204-63-61	Пермь (342)205-81-47	Тула (4872)74-02-29
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Вологда (8172)26-41-59	Липецк (4742)52-20-81	Рязань (4912)46-61-64	Ульяновск (8422)24-23-59
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Иваново (4932)77-34-06	Мурманск (8152)59-64-93	Саратов (845)249-38-78	Челябинск (351)202-03-61
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Россия (495)268-04-70	Киргизия (996)312-96-26-47	Казахстан (7172)727-132	

Polarimeters

Polarimeter Model ADP430



BELLINGHAM
& STANLEY

Polarimeter Model ADP 430

Fully automatic, dual scale polarimeter suitable for measuring the rotation of optically active samples across a wide range of applications. With easy-to-use, four key operation, keypad control of automatic read scale, compensation selection, zero calibration print and temperature. A full colour LCD readout gives good visibility in all ambient light conditions. Scales -355 to $+355^\circ$ angular (A) and -225 to $+225^\circ Z$ (International Sugar Scale) with selectable 0.01/0.001 resolution for both ranges. Accuracy $\pm 0.01^\circ$ angular, $\pm 0.03^\circ Z$ ISS. With built-in LED light source and interference filter, external power supply to minimise heat generation allowing rapid stabilisation, rugged, chemically resistant housing enabling use in both factory and laboratory environments, two USB (one each USB-A and USB-B) and ethernet interfaces. Accepts polarimeter tubes up to 200mm long. A temperature probe with flexible cable is fitted for use either to monitor sample chamber temperature or to be placed in the filling arm of the measurement tube for direct sample temperature monitoring. Overall 150 x 620 x 340mm H x W x D. Weight 9kg. Supplied with one 200mm long sample tube, instruction manual, certificate of conformity and external power supply for 90-250V 50/60Hz single phase supplies.

PT550-65 Model ADP430

Polarimeter tubes

Nominal 8mm i.d. glass tubes in lengths of 100 or 200mm. With screw-on nylon end-caps and 15.5mm diameter cover glasses.

Standard tube with bulb to clear bubble from field of view.

PT600-10 100mm long

PT600-20 200mm long

Centre filling tube with straight arm.

PT605-10 100mm long

PT605-20 200mm long

Centre filling tube with cup-shape arm.

PT610-10 100mm long

PT610-20 200mm long

Spares

PT618-06 Cover glasses 15.5mm diameter, pack of 12

PT618-10 Rubber washers, pack of 12

PT618-17 End caps, nylon, pack of 2



PT550-65

Polarimeters

Polarimeter Model Polax-2L



Fully functional, digital polarimeter for measuring the rotation of optically active samples across a wide range of applications in education, industry and research. The optical system light source comprises an LED with 589nm interference filter giving rapid response and a long working life in comparison to traditional sodium lamps. The analyser is rotated automatically using push-button controls and a digital LED display can be toggled between angle of rotation, International Sugar Scale (ISS) and temperature.

<i>Ranges x resolution</i>	<i>Angle°</i>	-179.5 to +180 x 0.05
	<i>ISS °Z</i>	-130 to +130 x 0.1
	<i>Temp. °C</i>	+5 to +40 x 0.1
<i>Measurement wavelength</i>	<i>nm</i>	589 interference filter, LED light source
<i>Overall W x D x H</i>	<i>mm</i>	430 x 220 x 300
<i>Weight</i>	<i>kg</i>	11.5
<i>Power</i>		100-240V 50/60Hz a.c.

As described. Supplied with one each 100mm and 200mm sample tubes. For 100-240V 50/60Hz single phase supplies.

PT665-20 Model Polax-2L

Spares and accessories

PT669-08 Sample tube 100mm

PT669-12 Sample tube 200mm

PT669-40 Quartz calibration plate, 34°

PT669-45 Quartz calibration plate, 17°

PT669-50 Quartz calibration plate, 8.5°



PT665-20

Polarimeter Model AP-300



Compact, automatic polarimeter which enables measurement of the optical rotation or the concentration of optically active substances.

- ◆ Measurement ranges: rotation angle, International Sugar Scale (ISS - with and without temperature compensation), specific optical rotation, concentration and purity
- ◆ Easy operation with keypad and backlit dot matrix display
- ◆ Manual calibration facility allows compensation for variation to standard solutions or other instruments
- ◆ Built-in, 30 measurement memory
- ◆ Backlit colour LCD readout

<i>Ranges x resolution</i>	<i>Angle°</i>	-89.99 to +89.99 x 0.01
	<i>ISS °Z</i>	-130 to +130 x 0.01
	<i>Temp. °C</i>	+18.0 to +30 x 0.1
<i>Accuracy</i>	<i>Angle°</i>	±0.01
	<i>ISS °Z</i>	±0.03
	<i>Temp. °C</i>	±0.5
<i>Measurement wavelength</i>	<i>nm</i>	589 (D-line), halogen lamp light source
<i>Memory</i>		Last 30 readings
<i>Output</i>		Bidirectional RS232C
<i>Overall W x D x H</i>	<i>mm</i>	485 x 285 x 175
<i>Weight</i>	<i>kg</i>	11.5
<i>Power</i>		100-240V 50/60Hz a.c.

As described. Supplied with one each 100mm and 200mm sample tubes. For 100-240V 50/60Hz single phase supplies.

PT680-12 Model AP-300

Spares and accessories

PT669-08 Sample tube 100mm

PT669-12 Sample tube 200mm

PT669-40 Quartz calibration plate, 34°

PT669-45 Quartz calibration plate, 17°

PT669-50 Quartz calibration plate, 8.5°



PT680-12

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