

## APPLICATIONS

### Model NR-151. Measurement of % Brix and refractive index $n_D$ .

Ideal for concentrations of sugars in % Brix and the measurement of refractive index  $n_D$ . For fruit, juices, drinks, milk, wine, edible oils, food industry, chemicals, pharmaceutical, science, petrochemical, oils, lubricants etc.

### Model NR-101. % Brix, refractive index $n_D$ and % salinity.

Ideal for concentrations of sugar % Brix, measuring refractive index  $n_D$  and NaCl in % of salinity.

Ideal for fruit, juices, drinks, milk, wine, edible oils, food industry, chemicals, pharmaceutical, science, petrochemical, oils, lubricants etc.

## COMMON FEATURES

Portable and easy to use.

Alphanumeric display.

Determinations using a high precision photo cell integrated to a CCD camera and digital image processor.

Chamber prism of anti corrosive stainless steel and lid.

Automatic temperature compensation (ATC) to 20 °C, with a sample temperature range from 5 to 40 °C.

Temperature selection °C or °F.

Calibration using distilled water.

Function selection limits and tolerable alarms.

Microprocessor with instant response.

Disconnects automatically if inoperable for 3 minutes.

Low voltage alarm.

Power supply 9V battery.

Operating temperature from 0 to 40 °C at up to 90% relative humidity and a maximum height of 2000 m above sea level.



Model NR-151



Model NR-101

MODELS	Part No.	Reading and Measurement	Measurement range	Measurement Resolution	Measurement Precision	Temperature Range	Temperature Resolution	Temperature Precision	Height/Width/Depth cm	Weight Kg
NR-151	5901012	Brix %	0.0 - 95.0%	0.1%	±0.1%	0 +40 °C 32 +140 °F	0.1 °C 0.2 °F	±1 °C ±2 °F	6 18 10	0.9
		Refraction index $n_D$	1.3330 - 1.5318 $n_D$	0.0001 $n_D$	±0.0002 $n_D$					
NR-101	5901013	Brix %	0.0 - 60.0%	0.1%	±0.1%	0 +40 °C 32 +140 °F	0.1 °C 0.2 °F	±1 °C ±2 °F	6 18 10	0.9
		Refraction index $n_D$	1.3330 - 1.4419 $n_D$	0.0001 $n_D$	±0.0002 $n_D$					
		Salinity %	0.0 - 28.0 %	0.1 %	±0.1 %					

Comes complete with protective carry case, dosing burette, bottle of distilled water and a 9V battery.

## Disk polarimeter “polar-2010”

LAURENT TYPE MODEL  
SODIUM LAMP ILLUMINATION

NEW

## APPLICATIONS

Designed for colleges and universities, chemical laboratories, pharmaceutical, clinics, cosmetics and food industry.

## FEATURES

Vernier reading definition. Angle  $\pm 0,05^\circ$ .

Measuring range of optical rotation:  $\pm 180^\circ$ .

Rotation scale division:  $1^\circ$ .

Measuring lens 4x.

Ocular with dioptres adjustment.

Slide rack compartment length: for tubes up to 220 mm.

Monochromatic lamp wave length: 589,3 nm.

## MODEL

Part No	External measurements cm. Height / Width / Depth	Consumption W	Weight Kg
5120210	32 43 14	20	5

