



Refractometers are widely used for measuring refractive index (nD) of either transparent/translucent liquids or solids, being more usual their use for transparent fluids. There are many practical applications of these instruments; thus, they are essentials tools in industries such as oil, grease, paint, pharmaceutical, foods, cosmetics, chemical or sugar industries, as well as universities, teaching and research centres.

Our Abbe refractometers are supplied with a test piece for verification and calibration of the equipment as well as with a flask of monobromo-naphthalene. The eyepieces of all models are equipped with dioptre correction.

### ► MODEL 315RS

- 1 | For measuring the refractive index (nD) of transparent or translucent and solids as well as sugar concentration (°Bx)
- 2 | Possibility of connection of a circulating thermostatisation system
- 3 | Observation system composed of a telescopic unit with dispersion correction
- 4 | Automatic temperature compensation (ATC) on the Brix scale
- 5 | LCD for an easy and direct Reading of results
- 6 | With RS232 output

Supplied with: 1 Dust cover, 1 bottle of monobromo-naphthalene, test piece, 1 hex key, 1 lamp 6.5 V and 1 fuse



Code	HPB001
Range	
Refractive index	1,3000-1,7000 nD
Brix	0-95%
Accuracy	
Refractive index	±0,0002 nD
Brix	± 0,1
Medidas	330 x 180 x 380 mm
ATC	15/45 °C
Weight	10 kg

### ► MODEL 325

- 1 | To measure refractive index and sugar concentration (Brix)
- 2 | Made of epoxy-coated metal
- 3 | Possibility of connection of a circulating thermostatisation system; with digital thermometer
- 4 | Readings can be performed with incident or transmitted light; illumination of the scale is by natural light.
- 5 | Magnifications of the optical system: 2x
- 6 | Magnification system: 30x

Supplied with: dust cover, 1 bottle of monobromo-naphthalene, test piece, 1 hex key



Code	HPB002
Range	
Refractive index	1,3000-1,7000 nD
Brix	0-95%
Accuracy	
Refractive index	±0,0005 nD
Brix	± 0,25%
Dimensions	100 x 200 x 240 mm
Weight	2,6 kg