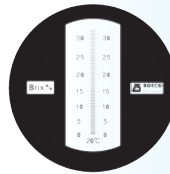


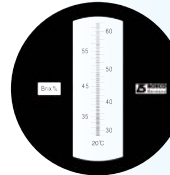
# REFRACTOMETER

## BOECO HAND REFRACTOMETER

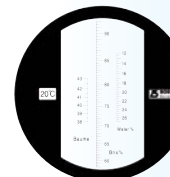
Code	Description
BOE 30103	Saccharic Concentration 0-32 % Resolution: 0,2 %



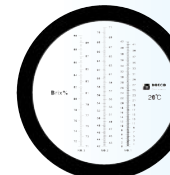
Code	Description
BOE 30104	Saccharic Concentration 28-62 % Resolution: 0,2 %



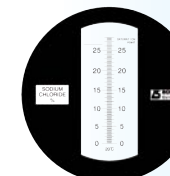
Code	Description
BOE 30106	Saccharic Concentration 58-90 % 58-90% Brix, 38°-43°Be', 17-27% water Resolution: 0,5 % Brix, 0,5° Be', 1% water (Sugar content, Baume and Water content)



Code	Description
BOE 30107	Saccharic Concentration 0-90 % (3 ranges) 0-42%, 42-71%, 71-90% Resolution: 0,2 %



Code	Description
BOE 30202	Salinity 0-28 % Resolution: 0,2 %



Code	Description
BOE 30301	Protein in Serum 0-12g/dl. / 0,2 g/dl Urine Gravity 1.000-1.040 / 0,002 sg



## DIGITAL HAND REFRACTOMETER

with Automatic Temperature Compensation,  
Dimension: 135x65x40 mm

Code	Description
BOE 32145	Range: 0-45 % Brix Resolution: 0,1% Accuracy: $\pm 0,2$ % Refractiv Index: 1.3330 - 1.4098 Resolution: 0,0001 Accuracy: $\pm 0,0003$
BOE 32195	Range: 0-95 % Brix Resolution: 0,1% Accuracy: $\pm 0,2$ % Refractiv Index: 1.3330 - 1.5300 Resolution: 0,0001 Accuracy: $\pm 0,0002$





## DIGITAL MINI REFRACTOMETER

which, due to his wide range works perfectly to measure almost any fruit juice, food or drink.

with Automatic Temperature Compensation,

Dimension: 130x49x24 mm (LxWxH)

Code	Description
BOE 32153	Range: 0-53 % Brix Resolution: 0,1% Accuracy: $\pm 0,1$ %

## BOECO ABBE REFRACTOMETER

complete with: 1 x set special thermometer (with protective shield) 1 pc. Standard Specimen, 1 x bottle Naphthalene bromide, 1 x screw driver, 1 x instruction manual.



### Specification:

Measuring range of ND:	1.300-1.700
Measuring accuracy of ND (room temperature):	$\pm 0.0002$
Minimum scale value for ND:	0.0005
Minimum scale value for the concentration: of sugar content (%)	0.25
Measuring range of the concentration: of sugar content (%)	0-95
Magnification of telescopic system:	2x
Magnification of reading system:	30x
Weight of the instrument (kg):	2,6
Dimensions (mm):	100x200x240

Code	Description
BOE 32200	ABBE Refractometer, with aluminium carrying case

## BOECO DIGITAL ABBE REFRACTOMETER

this instrument can widely be used in petroleum, chemical, pharmaceutical, sugar refining and food industries, as well as in related colleges, universities and scientific research institutions for measuring the refractive index ND of transparent or subtransparent liquid or solid substance. This instrument can also be used to measure Brix (BX) of the sugar solution, and to correct the affect of temperature on the Brix automatically.

In addition the instrument can display the temperature of the sample.

complete with: 1 x standard sample (standard block), 1 x bottle Naphthalene bromide, 1 x inner - hexagon spanner, 3 x Illuminating Bulb, 1 x Plastic Cover Hood, 3 x fuse, 1 x operating instructions



### Specification:

Measuring range	
Refractive index ND:	1.300-1.700
Brix BX - TC:	0-95 %
Brix BX:	0-95 %
Measuring accuracy	
Refractive index ND:	$\pm 0.0002$
Brix BX - TC:	$\pm 0.1$ %
Brix BX:	$\pm 0.1$ %
Temperature	
Temperature displaying range:	0-50°C
Correcting range of BX versus temperature:	15-45°C
Weight (kg):	10,0
Dimensions (mm):	330x180x380

Code	Description
BOE 32400	Digital ABBE Refractometer, 220 V with aluminium carrying case
BOE 32401	Digital ABBE Refractometer, 110 V with aluminium carrying case