



## Digital Brix Refractometer 0-90% x 0.10% and Accuracy $\pm 0.2\%$

15305095

A refractometer is an optical measuring device used to measure the refractive index of various liquids. There are different types of refractometers, some of which are stationary and others hand-held or digital. But they all work based on the same principle of the refractive index of light.

With a refractometer you can measure the sugar content of fruit and malt, the water content of honey, the antifreeze's ability to keep liquids frost-free, the density of urine or the acid content of a battery. Likewise, a refractometer can measure salt solutions in e.g. sea water and the alcohol content in clear alcohol or alcohol solutions in e.g. IPA spirit in geothermal system.

Brix refractometer is used to determine the sugar content in e.g. foods such as fruit, vegetables, juices and drinks etc. which contain sugar.

Brix refractometers are also ideal for monitoring various processes in industry, e.g. monitoring of cooling lubricants, oils and fats. As an example for cooling lubricant, too little concentrate means insufficient lubrication, whereby the risk of corrosion increases considerably. Too much concentration, on the other hand, results in poorer performance due to reduced heat dissipation.

*Delivered in plastic case incl. screwdriver and dropper.*

### Product details

|                |               |
|----------------|---------------|
| Item no.       | 15305095      |
| EAN            | 5708004063391 |
| Customs tariff | 9027500000    |
| Sales Quantity | 1             |

### Product specifications

|                 |                                |
|-----------------|--------------------------------|
| Barcode         | 5708004063391                  |
| Resolution      | 0,2% Brix                      |
| Measuring range | 0,90%                          |
| Model           | Brix                           |
| Accuracy        | +0,2%                          |
| Product type    | Digital Brix Refractometer 102 |
| Gross weight    | 0.280 kg                       |
| Net weight      | 0.200 kg                       |