



#### REFRACTOMETERS

HR Series - HRD Series

# **Refractometers - HR & HRD** Series

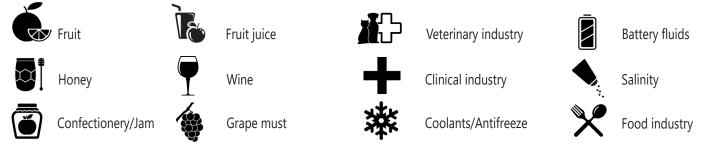


OPTIKA offers a wide range of hand refractometers to ensure incredibly rapid and convenient measurement of concentration in liquid and semi-solid samples, combining **accurate performance with excellent repeatability.** 

The refractive index of a substance is related to its specific density; a refractometer is used to measure the purity or the concentration of a sample when mixed.

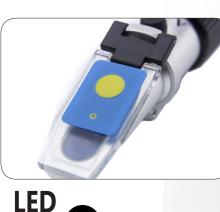
Refractometers are suitable for a wide range of applications, which includes the control of blend ratios in light industrial applications (such as glycols, battery acid, heat exchange fluids, coolants, quenchants and hydraulic oils) and represents the ideal solution for users working in the food industry (fruit, beverages, confectionery, jam, honey and other sugar based products).

- » Value for money solution
- » Easy operation
- » Built-in LED illumination
- » Brix or scale specific (including ATC)
- » Sturdy construction with rubber handgrip





**ATC** - Automatic Temperature Compensation No need to worry about temperature change during your measurement.

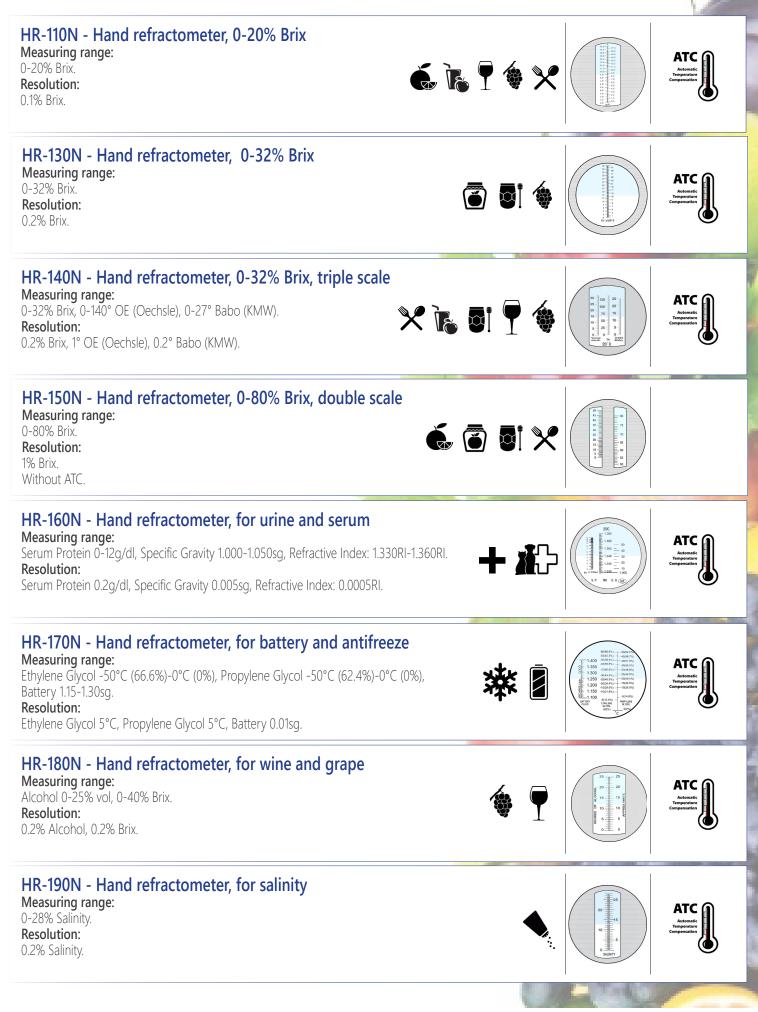




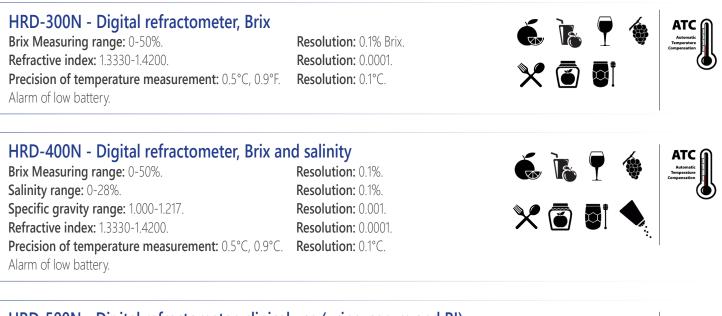


Scale reading has never been so easy, also in case of low light conditions.

## HR Series - Hand Refractometers



# HRD Series - Digital Refractometers



#### HRD-500N - Digital refractometer, clinical use (urine, serum and RI)

Specific gravity range: 1.000-1.050. Serum protein range: 0-12g/dl. Refractive Index: 1.3330-1.3900. **Precision of temperature measurement:** 0.5°C, 0.9°F. **Resolution:** 0.1°C. Alarm of low battery.

Resolution: 0.001. Resolution: 0.1q/dl. Resolution: 0.0001.









Pricing on any accessories shown can be found by keying the part number into the search box on our website. The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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