



Handheld Refractometer
LD-LHRF-A10

Handheld Refractometer LD-LHRF-A10 with automatic temperature compensation (ATC) is ideal for measurement of refractive index of material under varying temperature conditions during a production process. It offers refractive index scale range of 1.440 to 1.520 ND and 0 to 30°C Temperature compensation range. The reading resolution is 0.001 ND. The liquid measurement is very easy. Feature satin chrome finish and have rubber-insulated grips, a zero adjusting screw for calibration and eyepiece focusing. Place a few drops of the liquid on the optical part of the refractometer, cover the prism (the liquid will spread more easily over the prism), look through the eyepiece against the light (focus, if necessary) and you will be able to read the result value on the scale. It is designed for the measurement of e.g. chloroform, carbon tetrachloride, benzen, toluene, or turpentine, etc.

Features:

- Designed with refractive index refractometer scale range 1.440 to 1.520 ND
- Automatic temperature compensation (ATC) with reference temperature of 20°C
- Good focus possibility and offers 175 mm length
- Light-weight, portable, includes protective carrying case
- High Quality, Accurate Testing Results
- Used for on-site measurements in processing and storage areas, or in field

Applications:

Handheld Refractometer used for accurately determine i.e. the refractive index measurement of chloroform, carbon tetrachloride, benzen, toluene, turpentine, etc. used in R & D Labs, Biotechnology Labs, Analytical Labs, Microbiology Lab, Pharma Lab, Hospitals and Clinical Research Laboratories.

Specifications:

Model No.	LD-LHRF-A10
Scale Range	1.440 to 1.520 ND refractive index
Resolution	0.001 ND
Reference Temperature	20°C

Length	175 mm
Temperature compensation	0 to 30°C
Material body	Metal, glass and rubber
Dimension	30 × 40 × 210 mm
Weight	0.27 kg