



## Refractive Index of Industrial Fluid/ Mineral Oils

(REF505RI)

### Features:

Designed for refractive index studies & analysis

- Metal body
- Rubber hand grip blocks hand heat
- Calibration screen
- Cushioned rubber eyepiece
- Prism mounted in high impact plastic

### Specifications:

- Range: 1.333 to 1.520 ND (3 scales)
- Resolution: 0.001 ND
- Dimensions (L x Ø): 7.75" x 1.3"
- Weight: 1.4 lbs.

### Functions:

A refractometer is an instrument that measures the concentration of an aqueous solution by measuring its refractive index. All water-based solutions can make light bend. The bending of light increases at a rate proportional to the increasing solution concentration. The hand held refractometer is a precise optical instrument. Its characteristics are small, light, take only a few drops of solution to use and is very user friendly. Refractometers are used throughout the food, agriculture, chemical and manufacturing industries. Our analog and digital refractometers are among the finest optical instruments in the world. We offer a full line of refractometers that are suitable for all applications: Brix, Alcohol, Propylene Glycol, Protein in serum, Salinity, Baume, Specific Gravity, Industrial Fluids, Refractive Index (nD), along with many other scales which provide the user with limitless flexibility.

### Supplied With:

- Plastic pipet
- Carrying case
- Calibration screwdriver