



Brix Refractometers

(REF101 REF102 REF103 REF104 REF105 REF106 REF107)

Features:

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

Specifications:

REF101

- Range: 0 to 10%
- Resolution: 0.1%
- Applications: Industrial fluids, low concentration juices

REF102

- Range: 0 to 20%
- Resolution: 0.2%
- Applications: Industrial fluids, low density solution

REF103

- Range: 0 to 32%
- Resolution: 0.2%
- Applications: Fruit juices, soft drinks & industrial fluids

REF104

- Range: 28 to 62%
- Resolution: 0.2%
- Applications: Concentrated fruit juices, canned goods & high sugar solutions

REF105

- Range: 45 to 82%
- Resolution: 0.5%
- Applications: High concentrated juices, condensed milk & high sugar concentrations

REF106

- Range: 58 to 90%
- Resolution: 0.5%
- Applications: Honey, jams, marmalades & malts

REF107

- Range: 0 to 90% (3 ranges)
- Resolution: 0.2%
- Applications: Various brix %



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.