



Place a drop or two of a sample on the prism and read the results

Sper Scientific portable refractometers work in ambient light with no battery or other power source necessary. A refractometer measures the extent to which light is bent (refracted) through a liquid sample. They are commonly used to help identify or confirm the identity of a sample, assess the purity of a sample, or determine the concentration of a solute in a solution. They can be used in labs, on production lines, in the field or anywhere. Simply place a drop or two of a sample on the prism and read the results immediately. With reasonable care, their reliability, precision, and optical performance will last forever. Calibration Report is available for these refractometers.

All Sper Scientific refractometers come complete with:

- Rubber coated hand grip and construction, which insulate the test solution from inaccuracies caused by the user's body heat.
- Covered eye piece and bright, clearly defined scale, with large easy-to-read measurements.
- All the accessories for immediate use, including calibration tools and solutions, full instructions, transfer pipettes and protective cases.

Dimensions: 6½" x 1½" (165 x 38 mm)

Weight: 3.0 oz. (86 g)

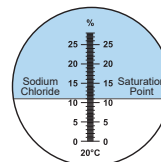
Salt Refractometer 0 to 28% - 300006

Measures salt content in sea water, pickling-brines and other applications. While the scale is calibrated for sodium chloride, it can also be used for calcium chloride, barium cobalt, magnesium, cesium, potassium, sodium chloride, cupric sulfate, potassium iodide, citric acid, acetic acid and (vinegar), when tested against a known standard.

Salt Refractometer w/ATC 0-100 ppt - 300011

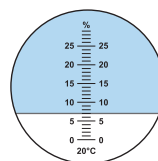
This refractometer features Automatic Temperature Compensation (ATC), which makes manual temperature corrections unnecessary. Double scale in parts per thousand and specific gravity. Measures salt content in sea water, aquariums, breeding ponds, or pickling-brines. While the scale is calibrated for sodium chloride, it can also be used for calcium chloride, barium cobalt, magnesium, cesium, potassium, sodium chloride, cupric sulfate, potassium iodide, citric acid, and acetic acid (vinegar), when tested against a known standard.

11% Sample

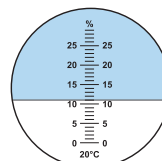


Examples readings on Salt Refractometer 0 to 28% - 300006.

7% Sample



11% Sample



Examples readings on Salt Refractometer 0 to 100 ppt - 300011

Model	Model #	Range	Resolution	Accuracy
Salt Refractometer 0 to 28%	300006	0 to 28% Sodium Chloride	0.2%	±0.2%
Salt Refract w/ATC 0-100ppt	300011	0 to 100 Parts Per Thousand 1.000 to 1.070 Specific Gravity	1 0.001	±1 ±0.001

No.	Description
300006	Salt Refractometer 0 to 28%
300006C	Salt Refractometer 0 to 28% Calibrated
300011	Salt Refract w/ATC 0-100ppt
300011C	Salt Refract w/ATC 0-100ppt Calibrated

