MA887

Digital Refractometer for Seawater Measurements

The MA887 is an optical instrument that employs the measurement of the refractive index to determine the salinity of natural and artificial seawater, ocean water or brackish intermediates.

The digital refractometer eliminates the uncertainty associated with mechanical refractometers and is easily portable for ship, shore or home use.

The MA887 refractometer is an optical device that is simple and quick to use. Samples are measured after a simple user calibration with distilled or deionized water. Within seconds, the refractive index and temperature are measured and converted into one of three popular measurement units; Practical Salinity Units (PSU), Salinity in parts per thousand (ppt), or Specific Gravity (S.G.

All conversion algorithms are based upon respected scientific publications using the physical properties of seawater (not sodium chloride). The temperature (in °C or °F) is also displayed on the large dual level display along with helpful message codes.

Key features include:

- Dual-level LCD
- · Automatic Temperature Compensation (ATC)
- · Easy setup and storage
- · Battery operation with Low Power indicator (BEPS)
- · Automatically turns off after 3 minutes of non-use

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ando	MA887 Seawater Refractometer MASS Seawater Refractometer RANGE 3 Ppt 2 ppt 3 S.G. (20/20)
	READ CANADA

Specifications MA887 0 to 50 PSU 0 to 150 ppt 1.000 to 1.114 S.G. (20/20) 0 to 80°C / 32 to 176°F Resolution 1 ppt 0.001 S.G. (20/20) 0.1°C / 0.1°F ±2 PSU Accuracy ±2 ppt ±0.002 S.G. (20/20) ±0.3°C / 0.5°F yellow LED Light Source Measurement Time approximately 1.5 seconds 100 µL (cover prism totally) SS ring and flint glass prism Sample Cell automatic between 10 and 40°C (50 to 104°F) ABS Temperature Compensation Case Material Battery Type Battery Life Auto-shut off x 9V AA (included) 5000 reading after 3 minutes of non-use Packaging dimensions Packing weight

Ordering Information

MA887 is supplied in a carton box, complete with 9V battery, pipette and instruction manual. Optionally you can also order the refractometers in a hard carrying case (MA752).







Liquid Crystal Display (LCD)

Dual Level LCD with Primary and Secondary Display.



Stainless Steel Sample

Place a few drops of the sample in the well and press the READ key.

Well and Prism

