

# Salinity measurements made easy

## Meter Specifications

| Model                      |                             | Waterproof Pocket Tester<br>Single Display                                 | Waterproof Pocket Tester<br>Large Dual Display | EcoScan Palmtop<br>Single Display                              |  |
|----------------------------|-----------------------------|--|--|--|--|
|                            |                             | SaltTestr  | SaltTestr 10                                   | Salt 6   |  |
| <b>Measuring Parameter</b> |                             | Salt   |  | Salt / °C  |  |
| <b>Highlights</b>          |                             | Economical single display  | Large dual display                             | Palmtop for high accuracy and wide range salinity measurements |  |
| <b>Salinity (TDS) / %</b>  | <b>Range</b>                | 0 to 10.00 ppt   |  | 1.0 to 50.0 ppt / 0.1 to 5.00 %                                |  |
|                            | <b>Resolution</b>           | 0.10 ppt   |  | 0.1 ppt / 0.01 %   |  |
|                            | <b>Accuracy</b>             | ±1% of Full Scale (0.00 to 7.00 ppt)<br>±3% of Full Scale (above 7.00 ppt) | ±1% of Full Scale                              |  |  |
|                            | <b>Calibration point</b>    | 1  |  |  |  |
| <b>Temperature</b>         | <b>Range</b>                | —  |  | -10 to 80 °C   |  |
|                            | <b>Resolution</b>           | —  |  | 0.1 °C   |  |
|                            | <b>Accuracy</b>             | —  |  | ±0.5 °C  |  |
|                            | <b>Compensation</b>         | ATC (0 to 50 °C)   |  | ATC / MTC (0 to 50 °C)   |  |
|                            | <b>Coefficient (Per °C)</b> | 2%   |  | 0.0 to 3.0%  |  |
| <b>Meter Features</b>      | <b>Auto-off</b>             | After 8.5 minutes from last key operation                                  |  | After 20 minutes from last key operation                       |  |
|                            | <b>Waterproof (IP67)</b>    | Yes  |  | No   |  |
| <b>Power Requirements</b>  |                             | 4 X 1.5V 'A76' Micro Alkaline Batteries                                    |  | 4 x 1.5V 'AAA' Batteries                                       |  |
| <b>Battery Life</b>        |                             | >150 hours   |  | > 100 hours  |  |
| <b>Dimensions (LxWxH)</b>  | <b>Unit Only</b>            | 16.5 X 3.8 cm; 90 g  |  | 14 x 17 x 3.5 cm; 200 g  |  |
|                            | <b>Boxed</b>                | 22 x 6 x 5 cm; 170 g   |  | 24 x 17 x 8 cm; 550 g  |  |
| <b>Weight (cm/g)</b>       |                             |  |  |  |  |

| Meter        |  |
|--------------|--|
| Order Code.  | Item   |
| EC-SALT6/03K | EcoScan Salt 6 Palmtop Salinity Meter with electrode (EC-CONSEN91B) and carrying kit set |
| SALTTEST10   | Waterproof SaltTestr10 Large Display Tester (0 – 10.00 ppt)                              |
| SALTTEST     | Waterproof SaltTestr Single Display Tester (0 – 10.00 ppt)                               |

| Replacement Electrode |   |
|-----------------------|---|
| Order Code.           | Item  |
| EC-CONSEN91B          | 2 Stainless Steel Rings Ultem-body Electrode with ATC, cell constant K=1.0, 12x110 mm, BNC connector, 1m cable length |
| EC-TDSENSOR           | Replacement Sensor for Waterproof SaltTestr10 & SaltTestr, 2-pin type   |

1 mS/cm = 1000 µS/cm (µS: microSiemens / mS: miliSiemens)  
 1 ppt = 1000 ppm (ppm: parts per million / ppt: parts per thousand)