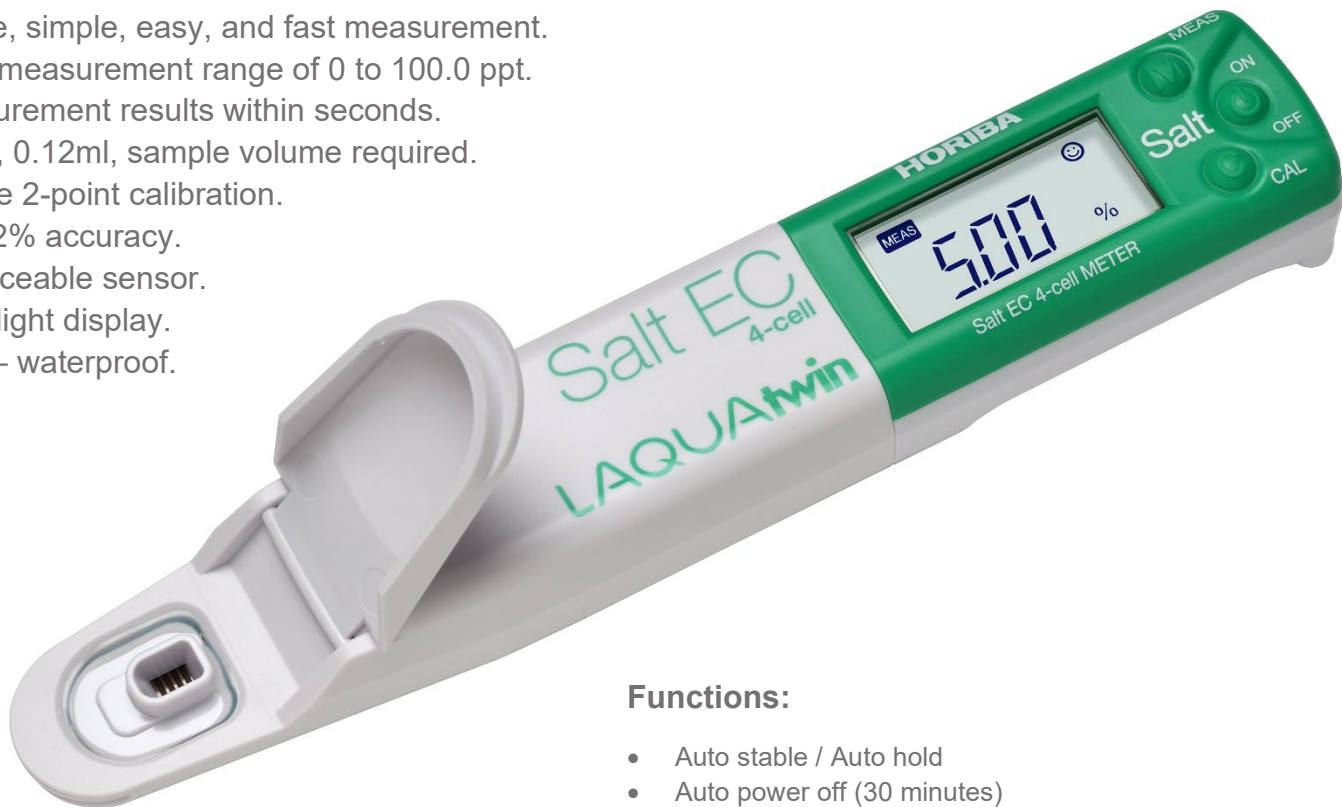


LAQUAtwin 4EC Salt11 Salinity pocket meter

HORIBA introduces the new RoHS compliant salinity meter

Features

- Onsite, simple, easy, and fast measurement.
- Wide measurement range of 0 to 100.0 ppt.
- Measurement results within seconds.
- Small, 0.12ml, sample volume required.
- Simple 2-point calibration.
- High 2% accuracy.
- Replaceable sensor.
- Back light display.
- IP67 – waterproof.



Functions:

- Auto stable / Auto hold
- Auto power off (30 minutes)
- Low battery indicator
- Stability indicator

Applications:

- Pharmaceutical industry
- Boiler feed water
- Drinking water
- General laboratory
- Food and beverage
- Agriculture
- Aquaculture
- Many more



Calibration

The instrument is supplied with two calibration solutions (1.413 µS and 12.88 mS/cm) and conditioning solution.



User Replaceable Sensor

The replacement of the LAQUAtwin sensor is easily done. No tools needed.



Protective cover

The sensor cover provides protection against impact, reduces external interferences and acts as a light shield, improving the accuracy.



Order Information

| Part number | Model | Description |
|-------------|----------------------|------------------------------------------|
| 3201077528 | LAQUAtwin-4ECSalt-11 | 4ECSALT-11, Salt by EC sensor |
| 3201079163 | S074-4EC | Replacement sensor for 4EC Salt11 |
| 3999960112 | 514-05 | NaCl Standard solution 0.5%, 6 x 14 ml |
| 3999960113 | 514-50 | NaCl Standard solution 5.0%, 6 x 14 ml |
| 3201081522 | 514-4EC-CON | Conditioning solution 6 x 14 ml for 4-EC |

Specifications

| | |
|--------------------------------|----------------------------------------------------------------|
| Model | 4EC-11 |
| Part Number | 3201077522 |
| Measurement principle | 4 AC bipolar method |
| Minimum sample volume | Minimum 0.12 mL |
| Measurement range(EC) | 0.00 ~ 0.99% / 1.00 ~ 10.00% 0.0 ~ 9.9ppt / 10.0 ~ 100.0ppt |
| Resolution | 0.01% / 0.1ppt |
| Calibration | Up to 2 points |
| Standard solution | ppt(0.5%), 50 ppt(5%) |
| Accuracy | ±2% F.S. (0~0.99%) ±4% F.S. (1.0~10.0%) |
| Waterproof | IP67 Waterproof |
| ATC | Yes |
| Temperature display | Yes |
| Temperature display range | 0-50 °C |
| Temperature resolution | 0.1 °C |
| Temperature accuracy | ±2 °C |
| Temperature Calibration | Yes, offset of ±2 °C |
| Operating temperature/humidity | 5 °C to 40 °C, 85% relative humidity max. (no condensation) |
| Display | Custom (monochrome) digital LCD with backlight |
| Power | CR2032 batteries (x2) |
| Battery life | Approx. 400 hours continuous operation (no backlight) |
| Material | ABS epoxy (main material) |
| Dimensions meter | 164 mm × 29 mm × 20 mm (excluding projections) |
| Dimensions boxed | 182 mm × 143 mm × 34 mm |
| Weight | Approx. 55gr |

Flip open

Fully opening the cover provides easy access for cleaning, calibration and placement of the sample.



4-Cell Electrode

The 4-Cell conductivity probe is RoHS compliant. It possible to measure samples down to 0.12 ml.

Packing

The instruments is supplied with all parts needed to start immediate measurement. The small plastic case keeps everything together and safe.



Other LAQUAtwin instruments



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