

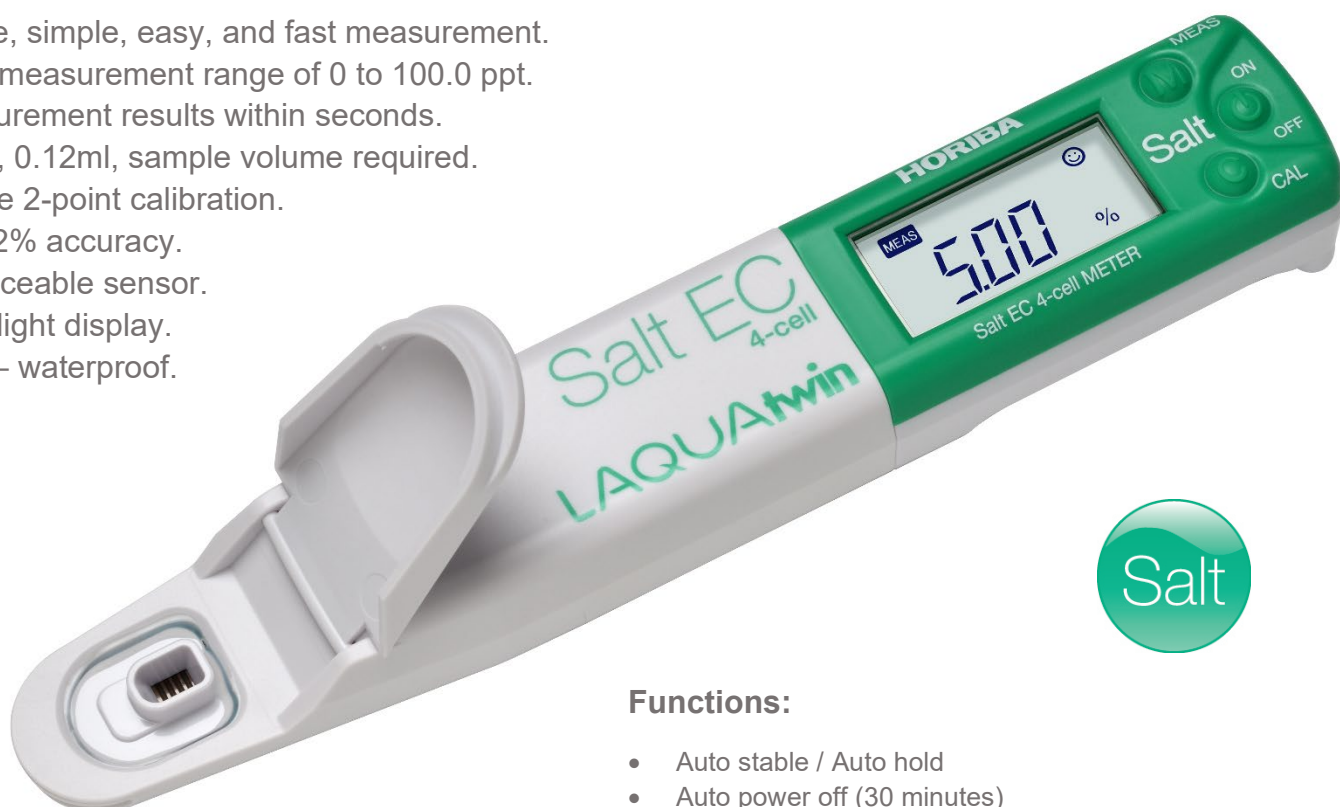
LAQUAtwin 4EC Salt11

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



RoHS
CE