# Easy measuring of conductivity...

## ... with the ProfiLine Cond 3110

The Cond 3110 is an easy-to-use, reliable conductivity meter with automatic nIF temperature compensation complying with DIN EN 27888 for routine measurements in natural water and wastewater.

## ProfiLine Cond 3110

- Suitable for TetraCon® 325 or KLE 325
- Automatic temperature compensation
- Salinity

### Measuring reliability

- Repeatable measuring results provided by the active, automatic AutoRead function with recognition of stable end values
- Safe operation: Automized functions reduce the number of keys (6)
- Water-resistant 8-pin socket enables reliable measurements also in humid environments.

### Easy and reliable:

- High-visibility display for measuring value ad temperature
- Silicone keypad with tangible key click, can also be operated with gloves
- For field operation in a case set with the proven electrodes

## Technical Data

| Model | | Cond 3110 | Cond 3210 | Cond 3310 |
|---|---|---|---|---|
| Range/ Resolution/ Accuracy | Conductivity | 0.0 … 1000 mS/cm ±0.5 % of value | 0.0 … 1000 mS/cm ±0.5 % of value 0.000 ... 1.999 µS/cm (for K=0.01 cm$^{-1}$) 0.00 ... 19.99 µS/cm (for K=0.1 cm$^{-1}$) | |
| | Temperature | -5.0 °C … +105.0 °C ±0.1 °C (23 … 221 °F) | -5.0 °C … +105.0 °C ±0.1 °C (23 … 221 °F) | |
| | Salinity | 0.0 … 70.0 (nach IOT) | 0.0 … 70.0 (according to IOT) | |
| | TDS | – | 0 … 1999 mg/l, 0 … 199.9 g/l, | |
| | Resistivity | – | 0.00 ... 999 MΩcm | |
| Reference temperature | | 20 °C or 25 °C (68 … 77 °F), selectable | 20 °C or 25 °C (68 … 77 °F), selectable | |
| Cell constant | fixed: | 0.475 cm$^{-1}$ | 0.475 cm$^{-1}$, 0.010 cm$^{-1}$ | |
| | with calibration: | 0.450 … 0.500 cm$^{-1}$, 0.800 … 0.880 cm$^{-1}$ | 0.450 … 0.500 cm$^{-1}$, 0.800 … 0.880 cm$^{-1}$ | |
| | adjustable: | – | 0.090 … 0.110 cm$^{-1}$, 0.250 … 25.000 cm$^{-1}$ | |
| Temperature compensation | | Automatic | Automatic / manually selectable | |
| Temperature coefficient | | • Non-linear function for natural waters (nLF) to EN 27 888 | • Non-linear function for natural waters (nLF) to EN 27 888 and ultrapure water function | |
| | | | • Linear compensation from 0.000 ... 3.000 %/K • No compensation | • Linear compensation from 0.000 ... 10.000 %/K • No compensation |
| Memory/Logger | | – | Manual 200 | Manual 200/5000 automatic |
| Display | | 7-Segment LCD, customized | LCD Graphic, backlit | |
| Continuous operation | | Up to 1000 hrs. | Up to 800 hrs. without/100 hrs. with backlight | |

## Ordering Information

| ProfiLine Portable Conductivity Meter SETs | | Order No. |
|---|---|---|
| Cond 3110 SET 1 | Robust and waterproof battery-operated portable conductivity meter, including TetraCon® 325, professional case and accessories | 2CA101 |
| Cond 3210 SET 1 | Robust and waterproof battery-operated portable conductivity meter with data logger, including TetraCon® 325, professional case and accessories | 2CA201 |
| Cond 3310 SET 1 | Robust and waterproof battery-operated portable conductivity meter with data logger and USB mini B interface, including TetraCon® 325, professional case and accessories | 2CA301 |

IP 66 IP 67 | CE | cETLus | 3 Year Warranty

*For other measuring cells in SET, see WTW Product Details*

Parameter

Multi-parameter

pH

ORP

ISE

Dissolved Oxygen (D.O.)

Conductivity

Data logger/ flow + level

BOD/ Respiration

Photometers

Turbidity

Colony Counter

Software/ Printers

For information visit **www.WTW.com** for a customer care center near you or inside US: call **WTW 800 645 5999.**