

Conductivity Handheld Conductivity Meters

Cond 315i, Cond 330i, Cond 340i



Cond 340i in field armoring FM 325 (optional)

Cond 330i in protective armoring SM 325 (optional)

Conductivity Meters

- Robust, shockproof, waterproof
- Up to 1500 hours of continuous operation
- 4-electrode principle allows a wide range of applications



Complete as SET

Useable anywhere, WTW handheld instruments are robust, easy to operate and provide assured accurate readings. From the monitoring of on-line process systems to field studies, WTW's handheld Conductivity meters meet all your measurement needs.

IP 66
IP 67

CE

UL
CUL

3 Year
Warranty

Parameter

pH

ORP

ISE

Oxygen
(D.O.)

Conductivity

Multi-
parameter

BOD/
Respiration

Photometers

Turbidity

Colony
Counter

Software/
Printers

Conductivity Handheld Conductivity Meters



Cond 315i

WTW handheld conductivity meters are available in three versions:

Cond 315i

The simple conductivity meter for meeting higher demands. With only 5 keys for error-free measurement with parallel temperature measurement, automatic temperature compensation, 4-electrode measuring technology.

Cond 330i

Robust and waterproof handheld conductivity meter for battery operation; with parallel temperature display, integrated datalogger, GLP supporting functions, automatic and manual temperature compensation with linear temperature function and non-linear function for ultrapure water and natural waters according to EN 27 888. The temperature compensation can be switched off; either 68 °F or 77 °F (20 °C or 25 °C) can be selected as the reference temperature.

Cond 340i

As Cond 330i, but with additional analog and digital RS 232 output and an optional power supply is available.

Technical Data

Model	Cond 315i	Cond 330i and Cond 340i
Range/ Resolution	LF: 0.0 μS/cm ... 500 mS/cm in 5 measuring ranges or AutoRange 0.00 μS/cm ... 19.99 μS/cm (for K=0.1 cm ⁻¹) Temp.: 23 ... 221 °F (-5.0 °C ... +105.0 °C) Salinity: 0.0 ... 70.0 TDS: – Resistivity: 0.000 ... 1999 MΩcm	0.000 μS/cm ... 1.999 μS/cm (for K=0.01 cm ⁻¹)
Accuracy (± 1 digit)	LF: ±0.5 % of value Temp.: ±0.1 K	
Reference temp. T _{ref}	68 ... 77 °F (20 °C or 25 °C), selectable	
Cell constant	Fixed 0.475 cm ⁻¹ , 0.1 cm ⁻¹	0.475 cm ⁻¹ , 0.1 cm ⁻¹ and 0.01 cm ⁻¹ fixed and 0.25 ... 2.5 cm ⁻¹ and 0.09 ... 0.11 cm ⁻¹ adjustable
Temperature comp.	Automatic, can be switched off	
Temperature coefficient	<ul style="list-style-type: none"> • Non-linear function for natural waters (nLF) to EN 27 888 and ultrapure water function – • Linear compensation from 0.01 ... 2.99 %/K • No compensation 	

Ordering Information

Handheld Conductivity Meter SETs	Order No.
Cond 315i Robust and waterproof battery-operated handheld conductivity meter, including TetraCon® 325, professional case and accessories	2C10-0011
Cond 330i Robust and waterproof battery-operated handheld conductivity meter with datalogger, including TetraCon® 325, professional case and accessories	2C20-0011
Cond 340i Robust and waterproof battery-operated handheld conductivity meter with datalogger and serial interface, including TetraCon® 325, professional case and accessories	2C30-0011
Universal wide-range power supply 100 V - 240 V, 50-60 Hz; for 340i series	902 867
Other measuring cells in SET see brochure "Product Details"	

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