

Conductivity Meters

Portable Conductivity Meters

ProfiLine Cond 197i



The WTW conductivity meter of the ProfiLine Cond 197i series is both hoseproof (IP 66) and submersible (IP 67). Along with an 800 data file datalogger, a real time clock and recorder output, the ProfiLine Cond 197i conforms to all GLP requirements. They are equipped with a carrying/support handle and carrying strap as standard.

New: Powerful NiMH rechargeable batteries.

The Cond 197i is suitable for depth measurements down to 330 ft (100 m) in combination with the TA 197 LF depth armature.



Conductivity depth armature TA 197 LF with built-in temperature sensor, up to 100 m cable with waterproof plug (IP 67), pressure-resistant steel armoring (material VA 1.4571) with screw-off protective hood, pressure-resistant to max. 10 bar, fits into small boreholes (2" dia.).



Highly precise, indestructible, waterproof

Large, silicone keys for field use

Large, easy to read display

Measurement down to depths of 330 ft (100 m)

Technical Data

Model	ProfiLine Cond 197i	
Range/Resolution	LF:	0.0 µS/cm ... 500 mS/cm in 5 measuring ranges or AutoRange, 0.00 ... 19.99 µS/cm for K=0.1 cm ⁻¹ , 0.000 ... 1.999 µS/cm for K=0.01 cm ⁻¹
	Temp.:	23 ... 221 °F (-5.0 °C ... +105.0 °C)
	Salinity:	0.0 ... 70.0
	TDS:	0 ... 1999 mg/l
Accuracy (±1 digit)	LF:	±0.5 % of value
	Temp.:	±0.1 K
Reference temp.	68 ... 77 °F (20 °C or 25 °C), selectable	
Call constant	Calibratable 0.450...0.500 and 0.800...1.200 cm ⁻¹ , fixed: 0.01 cm ⁻¹ freely adjustable 0.25 ... 2.5 cm ⁻¹ and 0.09 ... 0.11 cm ⁻¹	
Temperature comp.	Automatic, can be switched off	
Temperature coefficient	<ul style="list-style-type: none"> • Non-linear function for natural waters to EN 27 888 and ultrapure water function • Linear compensation from 0.01 ... 2.99 %/K • No compensation 	

Ordering Information

Portable Conductivity Meter – with wide-range power supply 100-240 VAC (50/60 Hz) included		Order No.
ProfiLine Cond 197i	Robust, waterproof, submersible conductivity meter	3C30-010
Depth armatures down to 330 ft (100 m) see brochure "Product Details"		

For more information, please contact us:

[ExpotechUSA](#)
[10700 Rockley Road](#)
[Houston, Texas 77099](#)
[USA](#)

[281-496-0900 \[voice\]](#)

[281-496-0400 \[fax\]](#)

E-mail: sales@expotechusa.com

Website: www.ExpotechUSA.com