

Conductivity and Temperature Measuring Instrument WINLAB® Excellent Line, WINLAB®



WINLAB®

With integrated data logger. With USB and WiFi data output.

Easy, intuitive operation thanks to clearly structured menu navigation.

Robust, water-tight housing (IP 66, IP 67), perfect for measurements on the shop floor and in the field.

Technology:

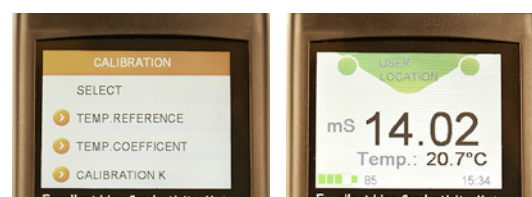
- High-resolution colour display (240 × 320 pixel) with adjustable brightness and scratch-proof mineral glass pane
- Simultaneous indication of temperature and the parameters conductivity, TDS, salinity.
- Automatic sensor detection for temperature sensor Pt 100 (-100°C – 399.9°C), PTC (-50°C – 125°C) and NTC (-2.5°C – 100°C) at a separate temperature sensor input
- Reference temperatures 20°C or 25°C
- Cell constant adjustable from 0.050 cm-1 to 4.000 cm-1
- Temperature coefficient adjustable, linear (0.000 to 9.999 % / °C) and non-linear acc. to EN 27888
- 6-button keyboard for navigation in measuring and menu mode
- Automatic measurements with start and end point and time interval
- USB / WiFi connection to the software
- Software for measurement data management is comprised in the scope of delivery

Data logger:

- Specification of 5 users and 5 sites including user codes (PIN)
- Indication of date, time, site, user, measured value and temperature for each data record
- Review of the last 200 data records, and 1000 data records per user

Technical data:

Measuring range µS/cm -mS/cm-1	Resolution µS/cm-1	Accuracy % ± µ/m S/cm-1
0.10 – 39.9 µS	0.01 µS/cm	0.5% ± 0.05
20 – 399.9 µS	0.1	0.5% ± 0.1
200 – 3999 µS	1	0.5% ± 1
2 – 39.9 mS	0.01	0.5% ± 0.01 (2 – 20 mS/cm)
	0.01	1% ± 0.01 (20 – 39.99 mS/cm)
20 – 100 mS	0.1	2% ± 0.1
100 – 399.9 mS	0.1	6%



Article	Order No.
① WINLAB Excellent Line conductivity meter	10 03 20001
Without electrode and accessories, incl. USB cable and measurement data management software	

Article	Order No.
② WINLAB Excellent Line Profi Box	10 03 20020
In this product version, the instrument comes with practical box for use in the lab or in the field, with integrated stand and folding intermediate lid which can also be used as a tabletop. Made of sturdy, easy-to-clean polypropylene.	
Comprises: WINLAB Excellent Line conductivity meter, standard LF electrode, set with conductivity test solutions 1413 µS and 12.88 mS, 100 ml each, Profi Box case, and measurement data management software	

Article	Order No.
WINLAB Excellent Line device set	10 03 20016
Comprises the conductivity meter, USB cable, standard LF electrode, and measurement data management software	

Article	Order No.
③ WINLAB desk box	61 03 00065
for all portable WinLab Data Line measuring instruments in the laboratory, complete with electrode stand, KCL solution and storage aids for temperature sensors and electrodes.	

Article	Order No.
④ WINLAB Standard conductivity electrode	10 03 20030
with integrated temperature sensor. Four-ring graphite electrode, length 120 mm, diameter 12 mm with 1 m cable and connector	



⑤ **WinLab® LF test solutions**

With test work certificate acc. to EN 10204-2.3. Reference temperature 25°C

Article	Volume ml	Order No.
Conductivity testing solution 1413 µS	250	61 03 11413
Conductivity testing solution 1413 µS	500	61 03 21413
Conductivity testing solution 12.88 mS	250	61 03 11288
Conductivity testing solution 12.88 mS	500	61 03 21288
Conductivity testing solution 111.8 mS	250	61 03 11118
Conductivity testing solution 111.8 mS	500	61 03 21118

