

LF 40

Leitfähigkeits-Messgerät

Conductivity Meter

电导率计

- 该仪器结合了便携式实验室仪表的精确性和轻便性，纯文本结构菜单，集成的数据记录系统和坚固的IP65防水外壳的特点。广泛用于地表水、污水、水处理行业。
 - . 同时测量电导、盐度和温度
 - . 计算TDS值
 - . 自动校正程序
 - . 数据记录器可记录4000个数据
 - . USB接口，可计算机操作
 - . 最大/最小值存储
 - . 图形显示

- Simultaneous measurement of conductivity, salinity and temperature
- Calculation TDS value
- Automatic calibration routine
- Data logger for 4000 data sets
- USB interface, Software
- Min-/Max-value memory
- Graphic display, backlighted

The meter combines the features for mobile application in the field with the precision and comfort of a laboratory meter with plain text structure menu, integrated data logging system and a rugged watertight IP 65 housing. The meter is the ideal choice for determination of the conductivity, salinity and temperature in surface water, sewage and for application in wastewater treatment.

Important GLP functions such as date and time, the main measuring value, 2nd measuring value including the physical units, temperature and device number are recorded in the data file.



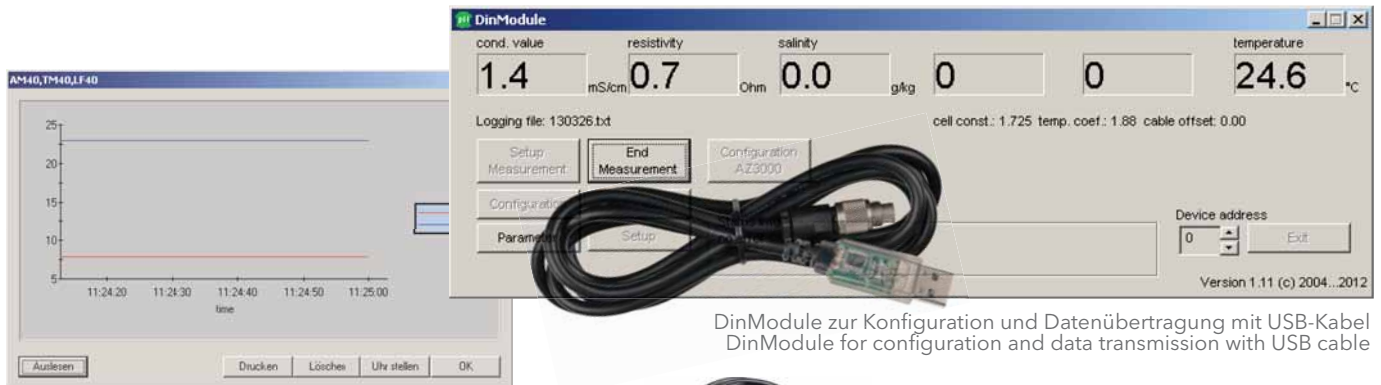
LF 40

Technische Daten

Messbereiche	0...200 $\mu\text{S/cm}$; 0...2000 $\mu\text{S/cm}$; 0...20 mS/cm ; 0...500 mS/cm ; autom. Messbereichsumschaltung; TDS: 0...200 mg/l ; 0...2000 mg/l ; 0...20 g/l ; 0...500 g/l ; Salinität: 0...70 g/kg ; Temperatur: -10...100 $^{\circ}\text{C}$
Auflösung	0,1 μS ; 1 μS ; 0,01 mS ; 0,1 mS ; 0,1 $^{\circ}\text{C}$
Temperatur- kompensation	automatisch mit Pt 1000 oder Festtemperatur
Anzeige	grafisches LCD, 128 x 64 Pixel, hintergrundbeleuchtet
Schnittstelle	USB, galvanisch getrennt
Umgebungs- temperatur	-10...55 $^{\circ}\text{C}$
Anschlüsse	Steckverbinder BK für Sensor, 4-polige Schnittstellen-USB-Buchse
Gehäuse	ABS, Schutzart IP 65
Abmessungen	200 x 95 x 40 mm (BHT)
Gewicht	290 g inkl. Batterien (3 x AA, IEC R6, LR6, 1,5 V)
EMV	entsprechend EN 61326; Klasse B

Specifications

Measuring range	0...200 $\mu\text{S/cm}$; 0...2000 $\mu\text{S/cm}$; 0...20 mS/cm ; 0...500 mS/cm ; automatic range; TDS: 0...200 mg/l ; 0...2000 mg/l ; 0...20 g/l ; 0...500 g/l ; salinity: 0...70 g/kg ; temperature: -10...100 $^{\circ}\text{C}$
Resolution	0.1 μS ; 1 μS ; 0.01 mS ; 0.1 mS ; 0.1 $^{\circ}\text{C}$
Temperature compensation	automatic with Pt 1000 or fixed temperature
Display	graphic LCD, 128 x 64 pixel, backlighted
Interface	USB, isolated
Ambient temperature	-10...55 $^{\circ}\text{C}$
Connectors	connector BK for sensor, 4-pole USB interface socket
Housing	ABS, IP 65
Dimensions	200 x 95 x 40 mm (WHD)
Weight	290 g incl. batteries (3 x AA, IEC R6, LR6, 1.5 V)
EMC	acc. EN 61326 class B



DinModule zur Konfiguration und Datenübertragung mit USB-Kabel
DinModule for configuration and data transmission with USB cable



LF 40/Set mit Leitfähigkeitssensor LTC 0,35/LF 40
LF 40/Set with Conductivity Sensor LTC 0,35/LF 40



Sauerstoff-Messgerät
Oxygen Meter
pH-/Redox-/ISE-Messgerät mit Stoßschutz
pH/Redox/ISE Meter with protective cover

Alle Meinsberger Elektroden sind mit Festkabel und BK-Stecker lieferbar.

All Meinsberg Electrodes are available with fixed cable and connector BK.