



new!

## Multiparameter Instrument SD 335



Micro USB port for software-free data transfer & power supply

All in one:

pH/Redox/  
Conductivity/  
TDS/Salinity/  
Dissolved Oxygen

Galvanically isolated measuring inputs

Stable Electrode Holder (ABS)

Intuitive user interface thanks to graphical display

### Applications

- Drinking Water
- Cooling/Boiler Water
- Waste Water
- Surface Water
- Laboratory

## Technical Data SD 335 Multi

Measurement range / Resolution	Input 1: pH/ORP/Temp.		Input 2: Optional oxygen- (a) or conductivity probe (b)		Input 2b: Con/Temp.	
		pH: -2.00 ... 16.00 pH Redox/ORP: -2000 ... + 2000 mV Temperature: -10.0 ... +150 °C		O <sub>2</sub> -Concentration: 0.00 ... 50.00 mg/l O <sub>2</sub> -Saturation: 0.0 ... 500.0 % O <sub>2</sub> -Partial pressure: 0 ... 1013 hPa Temperature: -10.0 ... 110.0 °C		Conductivity: 0.000 ... 500 mS/cm TDS: 0.000 ... 500 g/l Salinity: 0.0 ... 70.0 PSU (g/kg) Temperature: -10.0 ... 110.0 °C
<b>Accuracy</b>	pH: ± 0.25 % FS Redox/ORP: ± 0.25 % FS Temperature: ± 0.25 % FS		O <sub>2</sub> -Concentration ± 1.5 % FS O <sub>2</sub> -Saturation: ± 1.5 % FS O <sub>2</sub> -Partial pressure: ± 1.5 % FS Temperature: ± 0.5 % FS		Conductivity: ± 0.5 % FS TDS: ± 0.5 % FS Salinity: ± 0.5 % FS Temperature: ± 0.5 % FS	
<b>Connection</b>	pH/ORP: BNC-socket Temperature: banana socket		DO/Temperature: 7-pin bayonet socket		Con/Temperature: 7-pin bayonet socket	
<b>Calibration</b>	1 - 5 Point calibration (automatic or manual)		1 Point calibration (automatic)		1 Point calibration (automatic or manual)	
<b>Temperature compensation</b>	Automatic (with temperature probe) or manual		Automatic		Automatic	
<b>Additional Features</b>	Automatic buffer recognition	<ul style="list-style-type: none"> <li>• Lovibond® standards (pH: 4.01 / 7.00 / 10.01)</li> <li>• DIN 19266 buffers</li> </ul>	Salinity correction: 0 ... 70 PSU (g/kg) Pressure compensation: Automatic		TDS-Factor: 0.4 ... 1.0 Reference temperature: 25 °C / 20 °C	
<b>Operating conditions</b>	Temperature: -25 ... +50 °C Rel. Humidity: 0 ... 95 % (non-condensing)					
<b>Storage temperature</b>	-25 ... +70 °C					
<b>Power supply</b>	3 x AAA NiMH batteries (max. 750 mAh) or via USB-interface					
<b>Dimensions</b>	164 x 100 x 37 mm (L x W x H)					
<b>Weights</b>	310 g (incl. batteries and protective armouring)					
<b>Display</b>	LCD, 52 x 40 mm, 4 1/2 digit 7-segment					
<b>Data storage</b>	Internal mass storage: 8 GB					
<b>Languages</b>	German, English, French, Spanish, Portuguese, Italian, Dutch					
<b>Protection Class</b>	IP 67					
<b>Conformity</b>	CE					
<b>Order info Sets:</b>						
	724830	Unit in protective armouring, without electrode				
<b>Set 1</b>	724800	✓	-			✓
<b>Set 2</b>	724810	✓	✓			-
<b>Set 3</b>	724820	✓	✓			✓

## Delivery content

### All Sets contain:

- Stable plastic case
- instrument in protective armouring
- electrode holders
- pH/Temp.-electrode type 231
- pH buffer: 4.01 / 7.00 / 10.01
- storage solution for pH/ORP-electrodes
- AAA NiMH batteries
- instruction manual

### Set 1

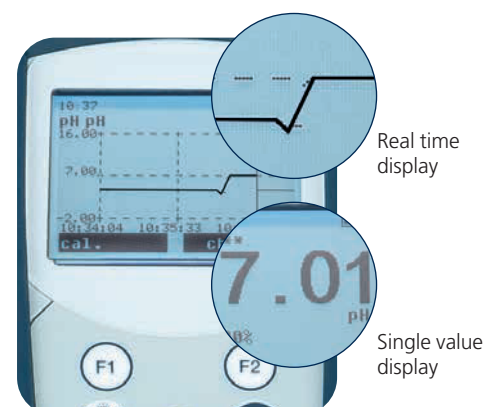
- pH / Con / Temp.
- Conductivity probe LC 12
- Conductivity standard 1413 µS/cm (NIST)

### Set 2

- pH / dissolved O<sub>2</sub> / Temp.
- Oxygen probe type 300, 2 m cable
- Electrolyte & spare membranes
- Calibration bottle

### Set 3

- pH / Con / dissolved O<sub>2</sub> / Temp.
- Conductivity probe LC 12
- Conductivity standard 1413 µS/cm (NIST)
- Oxygen probe type 300, 2 m cable
- Electrolyte & spare membranes
- Calibration bottle



➔ Accessories from page 152