

SensoDirect 150

All in one Hand-held Meter

pH-value

TDS

Oxygen (dissolved)

Conductivity

Redox

Temperature (°C / °F)



Highlights

- pH/Redox
Conductivity
Dissolved Oxygen etc.
- All in one
- Real time data logger
- Large digital display
- Protective casing
- RS 232 / USB

Applications

- Drinking Water
- Cooling/Boiler Water
- Waste Water
- Pool Water
- Surface Water
- Water Treatment Companies
- Industrial and Governmental Laboratories

The SensoDirect 150 combines the features of several hand-held meters. It is designed for multi purpose operation and measures pH/Redox, dissolved oxygen and conductivity/TDS.

The SensoDirect 150 incorporates an intuitive user interface, large, easy to read display and is supplied with a sturdy handy case with electrodes, buffer solution and accessories.

Accessories

Code	Article
721330	Spare electrode, (approx. 1 m cable), plastic/gel type BNC-plug
721250	pH buffer set 4.00/7.00/10.00 (25 °C)
721247	pH buffer, 4.00 (25 °C), 90 ml
721248	pH buffer, 7.00 (25 °C), 90 ml
721249	pH buffer, 10.00 (25 °C), 90 ml
721252	pH buffer 4.00 (25 °C) 1 litre
721254	pH buffer 7.00 (25 °C) 1 litre
721256	pH buffer 10.00 (25 °C) 1 litre
721242	Redox electrode, (approx. 1 m cable), plastic/gel type BNC-plug
195070	Redox calibration solution, 470 mV, 100 ml
724400	Conductivity probe (Con / TDS), (approx. 1.2 m cable)
722250	Calibration solution 1413 µS/cm
724410	Oxygen sensor, (approx. 4 m cable)
724460	Spare membrane for oxygen sensor
724470	Spare electrolyte for oxygen sensor
724420	Temperature probe PT1000 (approx. 1.5 m cable)
724500	RS232 cable, for connection to a computer
724510	USB cable, for connection to a computer
724540	Power supply
725050	Case incl. foam
724520	Data Retrieve Software Software which enables the user to transmit data stored on the instrument to a computer
724530	Data Logger / Acquisition Software Software which enables the user to monitor and log data on a computer (online measurement)

SensoDirect 150

Display	Large LCD display with contrast adjustment
Data Logger	Real time data logger
Data Memory	Auto or manual data memory, 16000 data sets
Data Hold	Max, Min
Interface	USB, RS232
Probes	pH, ORP, Conductivity/TDS, Dissolved Oxygen and Temperature
Power off	Auto shut off or manual off
Data Output	RS 232 PC serial interface
Power Supply	DC 1,5 V battery (UM3, AA) x 4 PCs or DC 9V adapter in
Dimensions	220 x 120 x 40 mm (L x W x H)
Weight	approx. 625 g (unit incl. batteries)
Software	Data acquisition software Data logger software

CE-Conformity

pH/Redox

Range	pH 0 to 14 PH mV -1999 mV to 1999 mV
Resolution	0 - 14 pH, 0.01 pH 0 - 1999 mV, 1 mV
Accuracy	0 - 14 pH, ± 0.02 pH + 2 digits 0 - 1999 mV, ± 0.5 % + 2 digits
Temperature Compensation	manual 0 - 100 °C automatic (ATC)
pH Calibration	pH 7, pH 4, and pH10, 3 points calibration

Dissolved Oxygen

Range	Dissolved Oxygen 0 to 20.0 mg/l Oxygen in Air 0 to 100.0 % Temperature 0 to 50 °C
Resolution	Dissolved Oxygen 0.1 mg/l 0.1 % O ₂ Temperature 0.1 °C
Accuracy (23± 5 °C)	Dissolved Oxygen ± 0.4 mg/l Oxygen in Air ± 0.7% O ₂ Temperature ± 0.8 °C / 1.5 °F
Salinity Correction	0 to 39 % Salt
Air Pressure Compensation	0 to 8900 meter

Conductivity/TDS

Range/Resolution	Conductivity (µS, mS) 0 - 200.0 µS / 0.1 µS 0.2 - 2.000 mS / 0.001 mS 2 - 20.00 mS / 0.01 mS 20 - 200.00 mS / 0.1 mS
	TDS (Total Dissolved Solids) 0 - 132 ppm / 0.1 ppm 132 - 1,320 ppm / 1 ppm 1,320 - 13,200 ppm / 10 ppm 13,200 - 132,000 ppm / 100 ppm
	Temperature 0 - 60 °C / 0.1 °C 32 - 140 °F / 0.1 °F
Accuracy	± 2 % F.S. + 1 digit ± 0.8 °C / ± 1.5 °F
Function	Conductivity (µS, mS) TDS (Total Dissolved Solids, PPM) Temperature (°C, °F)

Delivery Content

Order Code: 724200
SensoDirect 150 Set pH/Con/TDS/Oxi/Temp instrument, batteries, pH electrode, temperature probe, conductivity probe, oxygen sensor, pH buffer set 4,00 / 7,00, electrolyte, membrane heads, instruction manual, warranty information, in case

Order Code: 724210
SensoDirect 150 Set pH / Con / TDS /Temp instrument, batteries, pH electrode, temperature probe, conductivity probe, pH buffer set 4,00 / 7,00, instruction manual, warranty information, in case

Order Code: 724220
SensoDirect 150 Set pH / Oxi /Temp instrument, batteries, pH electrode, temperature probe, oxygen sensor, pH buffer set 4,00 / 7,00, electrolyte, membrane heads, instruction manual, warranty information, in case

Order Code: 724230
SensoDirect 150 Set pH / Redox /Temp instrument, batteries, pH electrode, temperature probe, redox electrode, pH buffer set 4,00 / 7,00, instruction manual, warranty information, in case