

SX725 Portable pH/Dissolved Oxygen (DO) Meter



Main Features

- Equipped with the 201T-S pH/temp. electrode and the DO500 polarographic electrode
- Precise, fast, and reliable measurement of pH, dissolved oxygen (DO), and temperature
- Replaceable DO membrane cap (3 spare membrane caps and a matching refill solution are included in the kit)
- Electrode polarization takes only 5 minutes – the DO measurement reaches 90% response within 30 seconds
- Fast and easy 1- to 3-point pH calibration
- A special digital filtering technology further improves response time and measurement accuracy
- The built-in memory function stores and recalls 300 data records
- IP57 rated, ideal for use in harsh environments
- Supplied as a complete test kit in a rugged carrying case

Technical Parameters

pH	Measuring range	(-2,00 to 19,99) pH
	Resolution	0,1/0,01 pH
	Accuracy	Meter: $\pm 0,01$ pH; overall: $\pm 0,02$ pH
	Input current	$\leq 2 \times 10^{-12}$ A
	Input impedance	$\geq 1 \times 10^{12} \Omega$
	Stability	$\pm 0,01$ pH/3 h
	Temp.-Compensation	(0 to 100) °C (automatic)
Dissolved Oxygen (DO)	Measuring range	(0 to 19,99) mg/L (ppm); (0 to 200,0) %
	Resolution	0,1/0,01 mg/L (ppm); 1/0,1 %
	Accuracy	$\pm 0,30$ mg/L (ppm), incl. electrode error
	Response time	≤ 30 s (90% response at 25°C)
	Temp.-Compensation	(0 to 45) °C (automatic)
	Salinity comp.	(0 to 45) ppt (automatic)
	Pressure comp.	(66 to 200) kPa (manual)
	Auto. calibration	Water-saturated air; air-saturated water
Other	Electrode type	Polarographic
	Memory capacity	300 data groups
	Stored values	Serial number, reading, unit, and temperature
	Power supply	2 AA batteries (1,5V $\times$ 2)
	Dimensions	65 $\times$ 120 $\times$ 31 mm (with case 255 $\times$ 210 $\times$ 50 mm)
	Weight	180 g (with case 1620 g)
	Certification	CE, ISO 9001:2015
	IP rating	IP57

What's in the Kit

SX725 pH/Dissolved Oxygen (DO) Meter	1
201T-S pH/temp. electrode	1
DO500 polarographic DO electrode	1
pH 4,00/pH 7,00/pH 10,01/1413 μ S calibration solution, 50 ml	1 each
DO502 electrolyte refill solution	1
DO503 membrane cap	3
Polishing paper for cleaning the electrode	1
Manual	1
AA battery	2
Screwdriver	1
Carrying case	1