

SX716 Portable Dissolved Oxygen (DO) Meter



Main Features

- Equipped with the Apera Instruments DO500 polarographic electrode with fast response and integrated temperature and salinity sensors
- 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 measurement reaches 90% response within 30 seconds
- Automatic compensation for temperature and salinity, manual compensation for barometric pressure
- A special digital filtering technology further improves response time and measurement accuracy
- The built-in memory function stores and recalls 100 data records
- IP57 rated, ideal for use in harsh environments
- Supplied as a complete test kit in a rugged carrying case

Technical Parameters

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	±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	100 data groups
	Stored values	Serial number, reading, unit, and temperature
	Power supply	2 AA batteries (1,5V × 2)
	Dimensions	65×120×31 mm (with case 255×210×50 mm)
	Weight	180 g (with case 790 g)
	Certification	CE, ISO 9001:2015
	IP rating	IP57

What's in the Kit

SX716 DO Meter	1
DO500 polarographic DO electrode	1
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