SUBOTA

Reliable Value

High Accuracy Waterproof pH/ORP/EC/TDS/°C TESTERS

- Microprocessor Based
- Auto-off
- Waterproof Casing
- ATC
- Automatic Calibration
- For all Applications
- Dual Level Display
- Replaceable Electrode
- Multiparameter
- Self-Diagnostic Messages



Replaceable pH electrode



CE

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SB80-SB81
Pocket size
EC/TDS/Temp testers:





These waterproof and floatable, pocket-size testers with replaceable electrode have been designed for accurate and easy measurement of EC, TDS and temperature. Features, such as battery life indicator, easy automatic calibration system, multi-level display, auto-switch off function and temperature selection in °C or °F guarantees accurate and repeatable results. We added automatic 1 point calibration system and ATC with adjustable ß for accurate measurement.

SB80 has been designed for low range applications with a range of 0-3999 µS/cm for EC and 0-2000 ppm for TDS.
SB81 with a range of 0.00-20,00 mS/cm for EC and 0.00-10,00 ppt for TDS.

	SB80	SB81
RANGE	3999 µS/cm / 2000 ppm 0.0 to 60.0°C / 32.0 to 140.0°F	20.00 mS/cm / 10.00 ppt 0.0 to 60.0°C / 32.0 to 140.0°F
RESOLUTION	1 µS/cm / 1 ppm 0.1°C / 0.1°F	0.01 mS/cm / 0.01 ppt 0.1°C / 0.1°F
ACCURACY (@20°C)	2% FS (EC/TDS) 0.5°C / ±1°F	2% FS (EC/TDS) 0.5°C / ±1°F
TYPICAL EMC DEVIATION	2% FS (EC/TDS) ±0.5°C / ±1°F	2% FS (EC/TDS) ±0.5°C / ±1°F
TEMPERATURE COMPENSATION	Automatic, with ß=0.0 to 2.4%/°C	Automatic, with ß=0.0 to 2.4%/°C
CALIBRATION	Automatic, 1 point	Automatic, 1 point
PROBE	Replaceable SB 80P	Replaceable SB 80P
ENVIRONMENT	0 to 50°C; 100% RH max.	0 to 50°C; 100% RH max.
BATTERY TYPE	4 x 1.5V; IEC LR44, A76	4 x 1.5V; IEC LR44, A76
BATTERY LIFE	Approx. 100 hours of use	Approx. 100 hours of use
AUTO-OFF	After 8 min. of non-use	After 8 min. of non-use
DIMENSIONS / WEIGHT	200 x dia 38 mm / 100 g	200 x dia 38 mm / 100 g

SB50-SB51-SB52-SB55
High accuracy
pH/ORP/Temp pocket testers:







These pocket size testers have been designed for wide range of applications in pH, ORP and temperature measurement. Floating and waterproof casing extends the range of possible applications by providing proper work in wet environment. Battery display and auto-switch off function saves energy and grants extended lifetime. Easy handling is helped by dual level display, replaceable electrode and microprocessor based operation. ATC and automatic 1 or 2 point calibration provides you to gain reliable values from the measurement.
The large display shows pH values in extended range (-2.00-16.00 pH) and simultaneously displays temperature.
Each product types have different specifications, which enables you to choose the right product for your application!

	SB50	SB51	SB52	SB55
RANGE	-2.0 to 16.0 pH -5.0 to 60.0°C / 23.0 to 140.0°F	-2.00 to 16.00 pH -5.0 to 60.0°C / 23.0 to 140.0°F	-2.00 to 16.00 pH / ±1000 mV -5.0 to 60.0°C / 23.0 to 140.0°F	±1000 mV -5.0 to 60.0°C / 23.0 to 140.0°F
RESOLUTION	0.1 pH 0.1°C / 0.1°F	0.01 pH 0.1°C / 0.1°F	0.01 pH / 1 mV 0.1°C / 0.1°F	1 mV 0.1°C / 0.1°F
ACCURACY (@25°C)	±0.1 pH ±0.5°C / ±1°F	±0.05 pH ±0.5°C / ±1°F	±0.05 pH / ±2 mV ±0.5°C / ±1°F	±2 mV ±0.5°C / ±1°F
TYPICAL EMC DEVIATION	±0.1 pH ±0.3°C / ±0.6°F	±0.02 pH ±0.3°C / ±0.6°F	±0.02 pH / ±2 mV ±0.3°C / ±0.6°F	±2 mV ±0.3°C / ±0.6°F
TEMP. COMPENSATION		Automatic, from -5 to 60°C	Automatic, from -5 to 60°C	Automatic, from -5 to 60°C
CALIBRATION	pH: Automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)	pH: Automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18)	pH: Automatic, 1 or 2 points with 2 sets of memorized buffers (pH 4.01, 7.01, 10.01 or 4.01, 6.86, 9.18) ORP: Factory calibrated	ORP: Factory calibrated with 2 sets of memorized
PROBE	Replaceable SB 50P	Replaceable SB 50P	Replaceable SB 52P	Replaceable SB 55P
ENVIRONMENT	-5 to 50°C; 100% RH max.	-5 to 50°C; 100% RH max.	-5 to 50°C; 100% RH max.	-5 to 50°C; 100% RH max.
BATTERY TYPE	4 x 1.5V; IEC LR44, A76	4 x 1.5V; IEC LR44, A76	4 x 1.5V; IEC LR44, A76	4 x 1.5V; IEC LR44, A76
BATTERY LIFE	approx. 300 hours of use	approx. 300 hours of use	approx. 250 hours of use	approx. 300 hours of use
AUTO-OFF	after 8 minutes of non-use	after 8 minutes of non-use	after 8 minutes of non-use	after 8 minutes of non-use
DIMENSIONS / WEIGHT	200 x dia 38 mm / 100 g	200 x dia 38 mm / 100 g	200 x dia 38 mm / 100 g	200 x dia 38 mm / 100 g

ACCESSORIES

SB50P	Replaceable electrode for SB50 & SB51	SB55P	Replaceable electrode for SB55
SB52P	Replaceable electrode for SB52	SB80P	Replaceable probe for SB80 & SB81

Authorized Dealer

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