



Tester serie 5 with replaceable sensor

Parameter

Measurement stability Indication

Buffer used for calibration

IP 67 Waterproof

Only 3 Keys to control all functions

Transparent body

Color parameter identification

- pH/mV
- Cond/TDS/SAL
- pH/mV/Cond/TDS/SAL

Large backlit color LCD display

Battery level

Temperature reading

Easy push button for calibration and setup

4 x 1,5 V AAA batteries for long working time, compatible with rechargeable batteries

Replaceable sensor

During measure

In calibration

Alarm condition

pH 5 pH/mV/°C

- pH scale: -2...16 pH, Resolution 0.01 pH
- 1...3 points calibration, 5 USA buffers in memory
- mV function for pH electrode quality test or connection to ORP sensor for Redox potential measurement

COND 5 Cond/TDS/Salinity/°C

- Cond scale: 0...200µS - 0...2000µS - 0...20mS
- 1...3 points calibration, 3 Cond standards in memory
- Reference temperature 20/25 °C user selectable

PC 5 pH/mV/ Cond/TDS/Salinity/°C

- pH scale: -2...16 pH, Resolution 0.01 pH
- 1...3 points calibration, 5 USA buffers in memory
- mV function for pH electrode quality test or connection to ORP sensor for Redox potential measurement
- COND scale: 0...200µS - 0...2000µS - 0...20mS
- 1...3 points calibration, 3 Cond standards in memory
- Reference temperature 20/25 °C user selectable

pH 5 FOOD pH/mV/°C

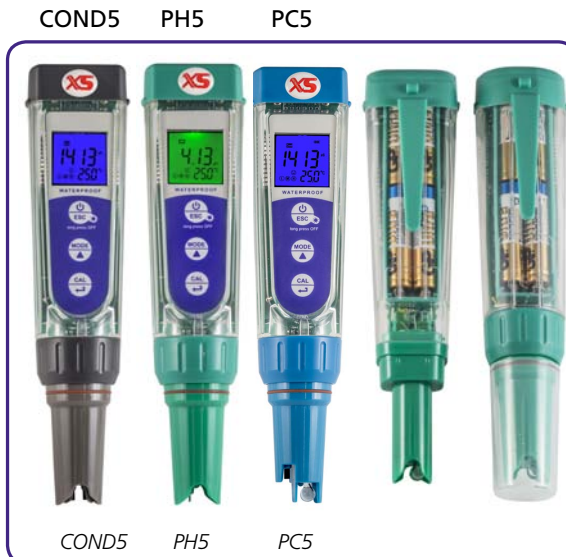
- with replaceable spear pH electrode.
- Double open pore polymer electrode maintenance free incorporating temperature sensors for fast temperature reading
- pH scale: -2...16 pH, Resolution 0.01 pH
- 1...3 points calibration, 5 USA buffers in memory
- mV function for pH electrode quality test

ORP 5 mV/°C

- mV scale: ± 1000 mV, Resolution 0.1/1 mV



ORP 51 replacement electrode for ORP 5



Waterproof tester series

	pH 5 / pH 5 FOOD	COND 5	PC 5	ORP 5
pH measuring range	-2...16	-	-2...16	-
Resolution	0.01	-	0.01	-
Relative accuracy	±0.01	-	±0,01	-
Points of calibration	1...3	-	1...3	-
Buffer auto recognition	5 USA buffer	-	5 USA buffer	-
Calibration points indication	YES	-	YES	-
Stability measurement indication	YES	YES	YES	YES
Electrode condition alarm	YES	YES	YES	-
mV (redox) measuring range	± 1000	-	± 1000	± 1000
Resolution	0.1 / 1	-	0.1 / 1	0.1 / 1
COND measuring range	-	0...200µS- 0...2000µS- 0...20mS	0...200µS- 0...2000µS- 0...20mS	-
Resolution	-	Automatic scale	Automatic scale	-
Relative accuracy	-	±1 % Full scale	±1 % Full scale	-
Calibration points COND	-	1...3	1...3	-
Calibration standard recognition	-	84, 1413 µS / 12.88 mS	84, 1413 µS / 12.88 mS	-
Indication of calibration points	-	YES	YES	-
TC Temperature coefficient	-	0.00...4.00% / °C	0.00...4.00% / °C	-
TR Reference temperature	-	20 / 25 °C	20 / 25 °C	-
TDS measuring range	-	0,1 ppm...10 ppt	0,1 ppm...10 ppt	-
TDS Factor	-	0.40...1.00	0.40...1.00	-
Relative accuracy	-	±1 % Full scale	±1 % Full scale	-
Salinity measuring range	-	0.01...10g/l	0.01...10g/l	-
Temperature measuring range °C	0...50	0...50	0...50	-
Resolution/ Accuracy	0.1/± 0.2 °C	0.1/± 0.2 °C	0.1/± 0.2 °C	-
Unit	°C/°F	°C/°F	°C/°F	-
Auto off	8 min. after last key pressed	8 min. after last key pressed	8 min. after last key pressed	8 min. after last key pressed
Display	Dual 3 color backlit LCD	Dual 3 color backlit LCD	Dual 3 color backlit LCD	Dual 3 color backlit LCD
IP Protection	IP 67	IP 67	IP 67	IP 67
Power supply	4x1,5V AAA batteries	4x1,5V AAA batteries	4x1,5V AAA batteries	4x1,5V AAA batteries
Batteries life	> 200 Hrs	> 200 Hrs	> 200 Hrs	> 200 Hrs
Warranty instrument / sensor	2 Years / 6 months	2 Years / 6 months	2 Years / 6 months	2 Years / 6 months
Dimensions (Ø x L) mm	35 x 175 (pH 5) / 35 x 210 (pH 5 food)	35 x 175	35 x 175	35 x 175
Weight	130 g (pH 5) / 140 g (pH 5 food)	130 g	130 g	130 g

Supplied in a complete test kit with buffers and accessories



SPH51
Replaceable pH
electrode for
pH 5 Food



Neck strap



Protection
cap used like
calibration
beaker



Clip

How to order

50014063	pH 5 tester kit, includes: instrument, 1 extra cap for calibration, 1x55ml pH 7 and pH 4 colored buffer solution, 1x10ml electrode storage solution, neck strap, paper towel, 4x 1,5V AAA batteries, carrying case.
50014213	COND 5 tester kit, includes: instrument, 1 extra cap for calibration, 1x55ml 1413µS and 12,88mS conductivity standard solution, neck strap, paper towel, 4x 1,5V AAA batteries, carrying case.
50014263	PC 5 tester kit, includes: instrument, 1 extra cap for calibration, 1x55ml pH 7 and pH 4 colored buffer solution, 1x10ml electrode storage solution 1x55ml 1413µS conductivity standard solution, neck strap, paper towel, 4x 1,5V AAA batteries, carrying case.
50014113	pH 5 FOOD tester kit, includes: instrument, 1x55ml pH 7 and pH 4 colored buffer solution, 1x10ml storage solution for electrode, neck strap, paper towel, 4x 1,5V AAA batteries, carrying case.
50014313	ORP 5 tester kit, includes: instrument, 1 extra cap for calibration, 1x55ml 468 mV Redox standard, 1x10ml storage solution for electrode, neck strap, paper towel, 4x 1,5V AAA batteries, carrying case.

Accessories

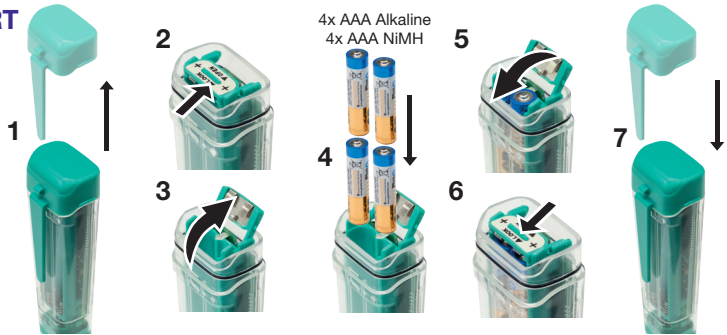
50014403	PH51 Replacement pH electrode for pH 5
50014413	COND51 Replacement COND electrode for COND 5
50014433	PC51 Replacement PC electrode for PC 5
50014423	SPH51 Replacement Food electrode for pH 5 Food
50014443	ORP51 Replacement ORP electrode for ORP 5



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START



ON/OFF



CAL

pH

1st point

2nd point

1st point

MEAS

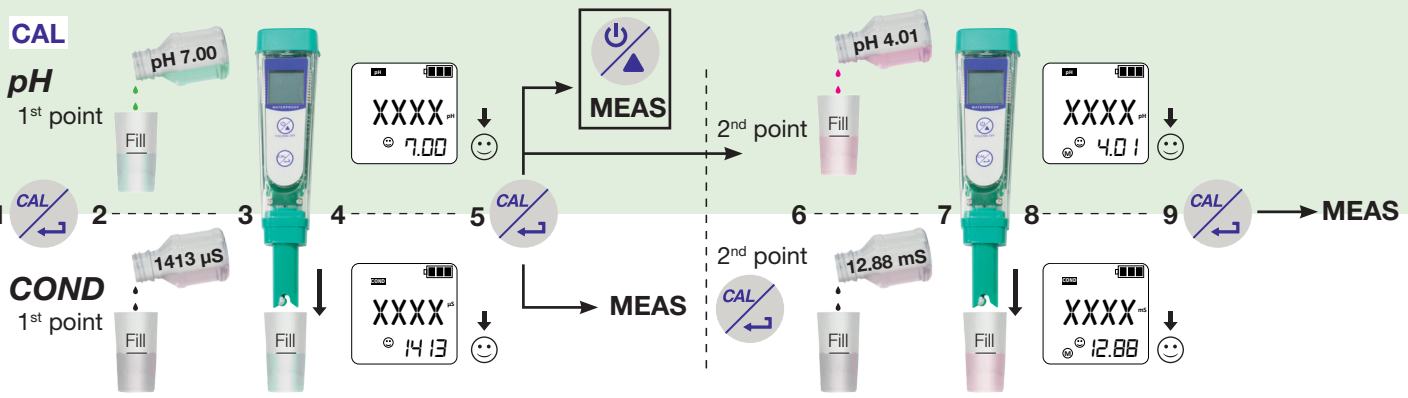
2nd point

MEAS

2nd point

MEAS

MEAS



MEAS

1st point

MEAS

2nd point

MEAS

MEAS



SETUP

CAL + ON/OFF

Function	Primary display	Secondary display	Default value	pH 1	COND 1
COND / TDS selection	SLT				
TDS factor	0.40 - 1.00	Fct	0.71		X
Temperature unit (°C/°F)	t.U	-	°C	X	X
Reset to factory default	n0 - YES	rSt	n0	X	X

Scrol

Confirm / Next