TESTER

SENSOR WARRANTY 6 MONTHS

ELECTRONIC PART WARRANTY 1 YEAR

IP67 WATERPROOF

MADE IN ITALY

APPLICATIONS:

- FARMING
- WATER AND WASTEWATER TREATMENT
- HYDROPONIC CROPS AND AQUARIUMS
- ENVIRONMENTAL MONITORING
- POOLS AND THERMAL CENTERS
- FOOD AND BEVERAGE
- COOLING TOWER
- GALVANIC
- GRAPHIC INDUSTRY
- SCHOOLS

SELECTION GUIDE

	PX4	pH5	pH5FOOD	COND 5	ORP 5	PC 5	PC 6
pH	●	●	●	○	○	●	●
Redox	●	○	○	○	●	○	●
Conductivity	○	○	○	●	○	●	●
TDS	○	○	○	●	○	●	●
Salinity	○	○	○	●	○	●	●
Temperature	●	●	●	●	●	●	●
pH measuring range	-2 ... 16	-2 ... 16	-2 ... 16	-		-2...16	-2...16
Resolution	0.01	0.01	0.01	-		0.01	0.01
Calibration points	1...3	1...3	1...3	-	-	1...3	1...3
Stability indications	Yes	Yes	Yes	Yes	Yes	Yes	Yes
mV (pH) measuring range	-1000...+1000 mv	-1000...+1000 mv	-1000...+1000 mv	-		-1000 ...+1000mv	-1000...+1000 mv
Resolution	0.1 / 1 mv	0.1 / 1 mv	0.1 / 1 mv	-	-	0.1 / 1 mv	0.1 / 1 mv
mV(redox) range	-1000...+1000 mv	-	-		-1000...+1000 mv		-1000...+1000 mv
Resolution	0,1 / 1 mv	-	-		0,1 / 1 mv		0,1 / 1 mv
Calibration	1 point	-	-		1 point		1 point
COND measuring range	-	-	-	0,01uS...199,99 mS	-	0,01uS...199,99mS	0,01uS...199,99mS
Resolution	-	-	-	Auto	-	Auto	Auto
Calibratin point	-	-	-	1...3	-	1...3	1...3
Reference T	-	-	-	20 / 25 ºC	-	20 / 25 ºC	20 / 25 ºC
TDS measuring range	-	-	-	0,01ppm...199,9ppt	-	0,01ppm...199,9ppt	0,01ppm...199,9 ppt
TDS factor	-	-	-	0.40 ... 1.00	-	0.40 ... 1.00	0.40 ... 1.00
Salinity measuring range	-	-	-	0,1 mg/l ... 100,0 g/l	-	0,1 mg/l...100,0 g/l	0,1 mg/l...100,0 g/l
Temperature range	0 ... 60 °C	0 ... 60 °C	0 ... 60 °C	0 ... 60 °C	0 ... 60 °C	0 ... 60 °C	0 ... 60 °C
Display	3 colour	3 colour	3 colour	3 colour LCD	3 colour LCD	3 colour	3 colour
IP protection	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
Sensor	Replaceable	Replaceable	Replaceable	Replaceable	Replaceable	Replaceable	Replaceable
Code	50014143	50014063	50014113	50014213	50014313	50014263	50014293

The KIT includes: sachets buffer solutions 25 ml, calibration cap, lanyard, tissue, quick manual and cardboard case.

pH 1

pH

MAIN FEATURES

IP67 watertight portable pH meter. Resolution 0.1 pH with microprocessor and fixed sensor. Push-button calibration on 1 or 2 points (choosing between pH 4, 7, 10). Wide LCD display with indication of the buffers used for calibration and measurement stability. **Automatic temperature compensation.** Auto power off function. **Self-diagnosis messages: low batteries, calibration errors.** Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
6-month warranty on electronic parts.

Measuring range: pH 0,0...14,0 (0,1 pH). Working temperature: 0..50°C

The KIT includes: standard buffer solutions sachets pH 7 and pH 4 , 25 ml, sachets storage solution, calibration cap, lanyard, tissue, quick manual and cardboard case.

Name	Description	p/n
pH 1 KIT	pH 1 **Kit complete**	50014013
pH 1 ECOPACK	pH 1, batteries 1,5 V AAA, lanyard, tissue	50014003

COND 1

Conductivity - TDS

MAIN FEATURES

IP67 watertight portable conductivity meter for Conductivity and TDS measurement.
Indication of the buffers used for calibration and measurement stability. Auto power off function. Self-diagnosis messages. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
6-month warranty on electronic parts.

Measuring range: COND 0,01 µS...200 mS; TDS 0,01 ppm...199,9 ppt. Working temperature: 0..50°C

The KIT includes: standard buffer solutions sachets 1413 µS e 12,88 mS 25 ml, lanyard, tissue, quick manual and cardboard case.

Name	Description	p/n
COND 1 KIT	COND 1 **Kit complete**	50014163
COND 1 ECOPACK	COND 1, batteries 1,5 V AAA, lanyard, quick manual	50014153

pH 5

○ pH - mV - T

MAIN FEATURES

IP67 watertight portable pH meter. **Resolution 0,01 pH**. Interchangeable electrode, temperature sensor and open partitions. **Wide 3-colour LCD display with indication of the buffers used for calibration and measurement stability**. Push-button calibration on 3 points with 5 values of USA buffers. mV reading for pH electrode diagnosis. **Temperature reading**. Auto power off function. **Automatic temperature compensation** (0...60 °C). Self-diagnosis messages: low batteries, calibration errors. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
1 year warranty on electronic parts.

Measuring range: pH: -2,00...16,00 (Resolution 0,01 pH); mV: -1.000...+1.000 mV; °C: 0,0...60,0 (0,1 °C).

The KIT includes: 1 sachet x 25ml pH 7 and pH 4 buffer solution, 1 sachet of electrode storage solution, calibration cap, lanyard, tissue, quick manual and cardboard case.

Name	Description	p/n
pH 5 KIT	pH 5 **Kit complete**	50014063
pH 5 ECOPACK	pH 5, batteries 1,5 V AAA, lanyard and quick manual	50014053
pH 5 ONLY BODY	pH 5, **without sensor**	50014073
ELECTRODE pH	Replacement electrode for pH 5	50014403

pH 5 Food

○ pH - mV - T

MAIN FEATURES

IP67 watertight portable pH meter. Resolution 0,01 pH. Interchangeable polymer-tipped electrode, temperature sensor and open partitions for **measurements in the food industry**. **Wide 3-colour LCD display with indication of the buffers used for calibration and measurement stability.** Push-button calibration on 3 points with 5 values of USA buffers. mV reading for pH electrode diagnosis. **Temperature reading**. Auto power off function. **Automatic temperature compensation** (0...60 °C). Self-diagnosis messages: low batteries, calibration errors. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
1 year warranty on electronic parts.

Measuring range: pH: -2,00...16,00 (Resolution 0,01 pH); mV: -1.000...+1.000 mV; °C: 0,0...60,0 (0,1 °C).

The KIT includes: 1 sachet x 25ml pH 7 and pH 4 buffer solution, 1 sachet of electrode storage solution, calibration cap, lanyard, tissue, quick manual and cardboard case

Name	Description	p/n
pH 5 Food KIT	pH 5 Food **Kit complete**	50014113
pH 5 Food ECOPACK	pH 5 Food with batteries 1,5 V AAA, lanyard, quick manual	50014123
ELECTRODE pH	Replacement electrode for pH 5 Food	50014423

COND 5

Conductivity - TDS - Salinity - T

MAIN FEATURES

IP67 watertight portable conductivity meter for Conductivity, TDS and Salinity measurement.
High-durable interchangeable electrode. **Wide 3-color LCD display** with **indication of the buffers used for calibration** and measurement stability. Push-button calibration on 3 points with 3 standard values, choosing between 84, 1413 µS e 12,88 mS. Reading and automatic temperature compensation with TR= 20/25 °C and adjustable coefficient TC= 0,00...4,00%/°C. TDS Factor: 0,40...1,00. Self-diagnosis messages. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
Auto power off function.
1-year warranty on electronic parts.

Measuring range: COND 0,01 µS...200 mS; TDS 0,01 ppm...199,9 ppt; Salinity 0,1mg/l...100,0 g/l.

The KIT includes: 1 sachet x 25ml 1413 µS and 12,88 mS buffer solution, calibration cap, lanyard, tissue, quick manual and cardboard case.

Name	Description	p/n
COND 5 KIT	COND 5 **Kit complete**	50014213
COND 5 ECOPACK	COND 5, batteries 1,5 V AAA, lanyard and quick manual	50014203
COND 5 ONLY BODY	COND 5, without sensor	50014223
SENSOR COND	Replacement sensor for COND 5	50014413
VPT SOIL COND 5	Conductivity cell with temperature probe, C = 1, fo ground measurement, working range 10 µS ... 50 mS, cable 1.5 m for COND 5	50014713

ORP 5

Redox - T

MAIN FEATURES

IP67 watertight portable ORP/Redox meter. Resolution 0,1/1 mV. With microprocessor and interchangeable **high-durable electrode**. **ORP calibration** on one point defined by the user.
Wide 3-color LCD display with indication of measurement stability. Auto power off function.
Temperature reading. **Self-diagnosis messages**. Power supply with 2 x 1,5V AAA batteries included, compatible with rechargeable batteries too.
1 year warranty on electronic parts.

Measuring range: mV: -1.000...+1.000 mV; °C: 0,0...60,0 (0,1 °C).

The KIT includes: : 1 bottle x 55ml Redox 475 mV solution, 1 sachet of electrode storage solution, calibration cap, lanyard, tissue, quick manual and carboard case.

Name	Description	p/n
ORP 5 KIT	ORP 5 **Kit complete**.	50014313
SENSOR REDOX	Replacement sensor for ORP 5	50014443

PX 4

pH - Redox - T

MAIN FEATURES

IP67 watertight portable pH and ORP/Redox meter. **Resolution** 0,01 pH and mV. With microprocessor and interchangeable combined electrode. **Wide 3-colour LCD display** with **indication of the buffers used for calibration** and measurement stability. **pH automatic calibration** on 3 points with 5 values of USA buffers and **ORP calibration** on 1 point defined by user. **mV reading for pH electrode diagnosis** and ORP/Redox measurement. **Temperature reading**. Auto power off function. **Automatic temperature compensation** (0...60 °C). Indication of measurement stability. Auto power off function. Temperature reading. Self-diagnosis messages: low batteries, calibration errors. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
1 year warranty on electronic parts.

Measuring range: pH: -2,00...16,00 (0,01 pH); mV: -1.000...+1.000 mV; °C: 0,0...60,0 (0,1 °C).

The KIT includes: 1 sachet x 25ml pH 7 and pH4, 1 bottle x 55ml Redox 475 mV, 1 sachet of electrode storage solution, calibration cap, lanyard, tissue, quick manual and carboard case.

Name	Description	p/n
PX 4 KIT	PX 4 **Kit complete**	50014143
PX 4 ECOPACK	PX 4 , batteries 1,5 V AAA, lanyard and quick manual	50014173
ELECTRODE pH + REDOX	Replacement sensor for PX 4	50014463

PC 5

pH - Conductivity- TDS - Salinity -T

MAIN FEATURES

IP67 watertight portable multiparameter for pH, Conductivity, TDS and Salinity measurement. Combined **interchangeable electrode. Indication of the buffers used for calibration** and measurement stability. Self-diagnosis messages. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
Auto power off function.

pH: Resolution 0,01 pH. Push-button calibration on 3 points with 5 values of USA buffers.
mV reading for pH electrode diagnosis.
COND: Push-button calibration on 3 points with 3 standard values, choosing between 84, 1413 µS e 12,88 mS. Adjustable coefficient TC= 0,00...4,00%/°C.
TDS Factor: 0,40...1,00.

Measuring range:
pH: -2,00...16,00 (0,01 pH);
mV: -1.000...+1.000 mV;
COND 0,01 µS...200 mS;
TDS 0,01 ppm...199,9 ppt;
Salinity 0,1mg/l...100,0 g/l;
T: 0,0...60,0°C (0,1 °C).

The KIT includes: 1 sachet x 25ml pH 7 and pH 4, 1 sachet of electrode storage, 1 sachet x 25ml 1413 µS buffer solution, calibration cap, lanyard, tissue, quick manual and cardboard case.

Name	Description	p/n
PC 5 KIT	PC 5 **Kit complete**	50014263
PC 5 ECOPACK	PC 5 , batteries 1,5 V AAA, lanyard and quick manual	50014253
ELECTRODE PC	Replacement electrode for PC 5	50014433

PC 6

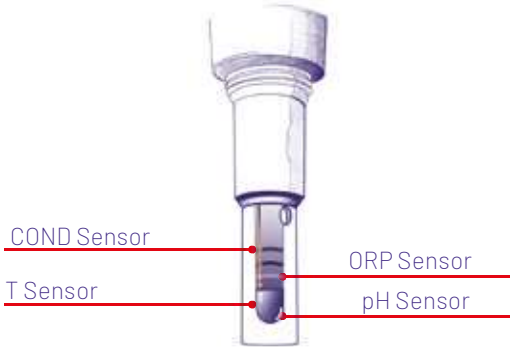
pH -Redox - Conductivity- TDS - Salinity - T

MAIN FEATURES

IP67 watertight portable multiparameter for pH, ORP, Conductivity, TDS and Salinity measurement. High-durable combined interchangeable electrode. **Wide 3-colour LCD display** with **indication of the buffers used for calibration** and measurement stability. **Automatic temperature compensation** (0...60°C). Auto power off function. Self-diagnosis messages: low batteries, calibration errors. Power supply with 2 x 1.5V AAA batteries included, compatible with rechargeable batteries too.
1 year warranty on electronic parts.

pH: Resolution 0,01 pH. Push-button calibration on 3 points with 5 values of USA buffers and . ORP calibration on one point defined by the user.
mV reading for pH electrode diagnosis and ORP/Redox measurement.
COND: Automatic **calibration on 3 points with 3 standard, choosing between 84, 1413 µS e 12,88 mS.**
Automatic temperature compensation with TR= 20/25°C and adjustable coefficient TC= 0,00...4,00%/°C. **TDS** factor: 0,40...1,00.

Measuring range :
pH: -2,00...16,00 (0,01 pH);
mV: -1.000...+1.000 mV;
COND 0,01 µS...200 mS;
TDS 0,01 ppm...199,9 ppt;
Salinity 0,1mg/l...100,0 g/l;
°C: 0,0...60,0°C (0,1 °C).



The KIT includes: pH 7 and pH 4 buffer solutions (sachets 25 ml), storage solution in sachet, 1413 µS sachets 25 ml standard solution, calibration cap, lanyard, tissue, quick manual and carboard case.

Name	Description	p/n
PC 6 KIT	PC 6 **Kit complete**	50014293
ELECTRODE PC	Replacement electrode for PC 6	50014483

CALIBRATION BUFFER SOLUTIONS

Name	Description	p/n
pH 4,01	1 bottle x 55 ml buffer solution. Accuracy ±0,01 pH	32383123
pH 7,00	1 bottle x 55 ml buffer solution. Accuracy ±0,01 pH	32383133
475 mV	1 bottle x 55 ml buffer solution for REDOX	32383153
1413 µS	1 bottle x 55 ml buffer solution	60000423
12 880 µS	1 bottle x 55 ml buffer solution	60000433
84 µS	1 bottle x 55 ml buffer solution	60000613