

Waterproof Testers

pH - mV - ORP - Conductivity - TDS - Salinity - Temperature



makes pH and conductivity easy

Applications: Agriculture - treatment of waters and wastewaters - hydroponic crops and aquariums - environmental monitoring - swimming pools and thermal centers - food and beverage - cooling towers - galvanic - graphics industry - education

Tester series 1

with fixed and non-replaceable electrode

Main features

- Wide LCD display
- Indication of calibration points
- Stability indication
- Automatic temperature compensation
- 1...2 calibration points
- Conductivity range (COND1): 0,01 μ S...199,9 mS
- COND an TDS functions (COND1)
- 2 x 1,5 V batteries AAA for long-term use.
compatible with rechargeable batteries

pH 1 pH

- pH range: 0...14 pH, resolution 0.1 pH
- 1...2 points of calibrations, 3 USA buffers memorized

COND1 Cond/TDS

- COND range: 0,01 μ S... 199,9mS
- TDS range: 0,01ppm...199,9 ppt
- 1...2 points of calibrations, 2 conductivity standards memorized
- Reference temperature 25°C

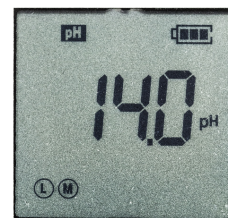


Tester pH 1



Tester COND 1

| | pH 1 | COND 1 |
|------------------------------------|------------------------|--------------------------|
| pH measuring range | 0...14 | — |
| Resolution | 0,1 | — |
| Accuracy | $\pm 0,1$ | — |
| Calibration points | 1...2 | — |
| Buffers auto recognition | 3 buffers USA | — |
| Indication of calibration points | Yes | — |
| Stability indication | Yes | Yes |
| Electrode status alarm | Yes | Yes |
| COND measuring range | — | 0,01 μ S... 199,9 mS |
| Resolution | — | Automatic scale |
| Accuracy | — | $\pm 2\%$ full scale |
| Calibration points | — | 1...2 |
| Buffers auto recognition | — | 1413 μ S / 12.88 mS |
| Indication of calibration points | — | Yes |
| TR reference temperature | — | 25 °C |
| TDS measuring range | — | 0,01 ppm...199,9 ppt |
| TDS factor | — | 0.40...1.00 |
| Auto off | after 8 minutes | after 8 minutes |
| Display | LCD | LCD |
| IP protection | IP 67 | IP 67 |
| Power supply | 2 x 1,5V batterieS AAA | 2 x 1,5V batterieS AAA |
| Battery life | > 300 hours | > 300 hours |
| Warranty | 6 months | 6 months |
| Dimensions (\varnothing x L) mm | 40 x 200 | 40 x 200 |
| Weight | 105 g | 105 g |



Display pH 1



Display COND 1



Tester kit Ecopack

How to order

| | |
|----------|---|
| 50014013 | pH 1 tester KIT, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014163 | COND 1 tester KIT, includes: meter, 1 x 25ml 1413 μ S and 12.88 mS standard solutions, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014003 | pH 1 tester Ecopack, includes: meter, string for neck, tissue, 2 x 1,5V AAA batteries |
| 50014153 | COND 1 tester Ecopack, includes: meter, string for neck, tissue, 2 x 1,5V AAA batteries |

Tester series 5 with replaceable electrode

Parameter

Stability indication

Buffer solutions used in calibration

IP 67 waterproof

Only 3 buttons to manage all the functions

Transparent body

Replaceable sensor

Wide backlight colored LCD display

Battery level

Temperature

Simple keys for setup and calibrations

2 x 1,5V batteries AAA for a long-term use, compatible with rechargeable batteries

Measure mode

Calibration mode

Alarm

- pH / mV
- Cond / TDS / SAL
- pH / mV / Cond / TDS / SAL
- ORP
- pH / mV / ORP
- pH / mV / ORP / Cond / TDS / SAL
- pH / mV FOOD



PC 5 kit cardboard case



Tester kit Ecopack

pH 5

pH / mV / °C



Main features

- pH range : -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 USA buffers memorized
- mV function for pH electrode quality test

| | pH 5 |
|------------------------------------|---------------------------------|
| pH measuring range | -2...16 |
| Resolution | 0,01 |
| Accuracy | ± 0,01 |
| Calibration points | 1...3 |
| Buffers auto recognition | 5 USA buffers |
| Indication of calibration points | Yes |
| Stability indication | Yes |
| Electrode status alarm | Yes |
| mV (pH) measuring range | - 1000 mV... + 1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0.1 °C / ± 0.2 °C |
| Unit | °C/°F |
| Auto off | after 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 ore |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (Ø x L) mm | 40 x 200 |
| Weight | 110 g |



Battery compartment



PH 5

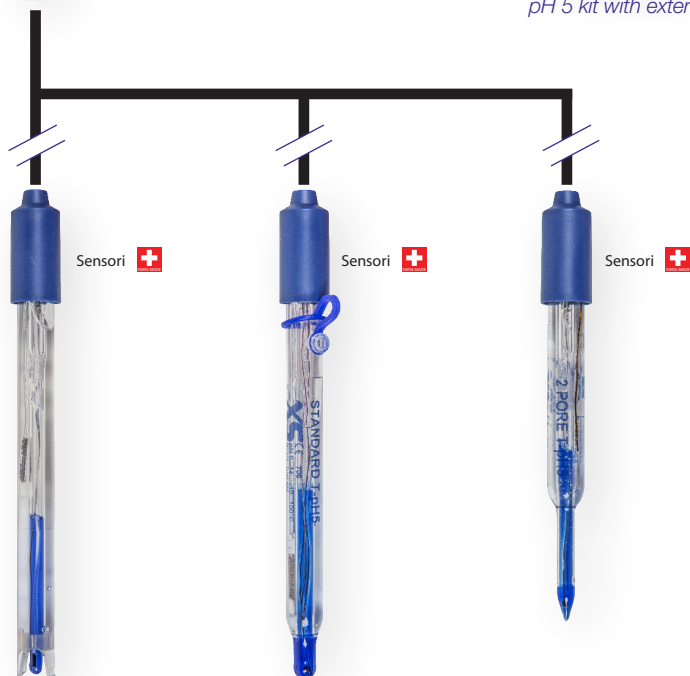
How to order

| | |
|----------|--|
| 50014063 | pH 5 tester KIT, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case |
| 50014053 | pH 5 tester Ecopack, includes: meter, string for neck, 2 x 1,5V AAA batteries |
| 50014073 | pH 5 tester KIT sonly bosy, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. Without sensor. |
| 50014403 | Replacement electrode for pH 5, with temperature sensor integrated. |
| 50014273 | Plastic Case OPTIONAL - pH version - includes: 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries |

A new line of pH sensors for pH 5 testers, that transforms the pH5 meter into a high-reliability portable instrument for a variety of applications



pH 5 kit with external pH electrode (plastic case is optional)



201 T - pH5

Standard T - pH5

2 Pore T - pH5

How to order

| | |
|----------|--|
| 50014073 | pH 5 tester KIT only body of the instrument, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. Without pH electrode |
| 50014603 | 201 T - pH 5 Plastic body electrode with temperature sensor for general purposes, maintenance free. pH 0 ... 14 Temperature 0 ... 60 °C, 1 m fixed cable with connector for Tester pH 5 |
| 50014613 | Standard T - pH 5 Glass body electrode with temperature sensor for general purposes, KCl 3M filling. pH 0 ... 14 temperature -10 ... 100 °C, 1 m fixed cable with connector for Tester pH 5 |
| 50014623 | 2 Pore T - pH 5 Glass body electrode with temperature sensor for general applications, polymer filling, maintenance free. 6 mm tip membrane ideal for meats and cheeses. pH 0 ... 14 temperature 0 ... 60 °C, 1 m fixed cable with connector for Tester pH 5 |

pH 5 FOOD

pH / mV / °C



Main features

- pH range : -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 USA buffers memorized
- pH penetration electrode replaceable
- Temperature sensor integrated
- Double open pore, polymer electrode, maintenance free
- mV function for pH electrode quality test

| | <i>pH 5 FOOD</i> |
|------------------------------------|---------------------------------|
| pH measuring range | -2...16 |
| Resolution | 0,01 |
| Accuracy | ± 0.01 |
| Calibration points | 1...3 |
| Buffers auto recognition | 5 USA buffers |
| Indication of calibration points | Yes |
| Stability indication | Yes |
| Electrode status alarm | Yes |
| mV (pH) measuring range | - 1000 mV ... + 1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0,1 °C / ± 0,2 °C |
| Unit | °C / °F |
| Auto off | after 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (Ø x L) mm | 40 x 210 |
| Weight | 140 g |



Optional plastic case kit

How to order

| | |
|----------|--|
| 50014113 | pH 5 FOOD tester KIT, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014423 | Replacement electrode for pH 5, with temperature sensor integrated. |
| 50014273 | Plastic Case OPTIONAL - pH version - includes: 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries |

COND 5

Cond / TDS / Salinity / °C



Main features

- COND range: 0,01 μ S...199,9 mS
- 1...3 points of calibration, 3 buffers memorized
- Reference temperature 20 / 25°C, selectable

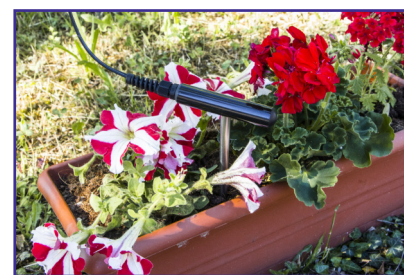
| | COND 5 |
|------------------------------------|--------------------------------------|
| COND measuring range | 0,01 μ S...199,9 mS |
| Resolution | Automatic scale |
| Accuracy | \pm 2 % full scale |
| Calibration points | 1...3 |
| Buffers auto recognition | 84 μ S / 1413 μ S / 12.88 mS |
| Indication of calibration points | Yes |
| TC temperature coefficient | 0.00...4.00% / °C |
| TR reference temperature | 20 / 25 °C |
| TDS measuring range | 0,01 ppm...199,9 ppt |
| Resolution | Automatic scale |
| TDS factor | 0.40...1.00 |
| Accuracy | \pm 2 % full scale |
| Salinity measuring range | 0,01 mg/l ...100,0 g/l |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0,1 °C / \pm 0,2 °C |
| Unit | °C / °F |
| Auto off | After 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (\varnothing x L) mm | 40 x 200 |
| Weight | 110 g |



Kit COND 5



COND 5 Ecopack



Soil conductivity with VPT Soil

How to order

| | |
|----------|--|
| 50014213 | COND 5 tester KIT, includes: meter, 1 x 25 ml buffer solutions 1413 μ S and 12.88 mS, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014203 | COND 5 tester Ecopack, includes: meter, string for neck, 2 x 1,5 V AAA batteries |
| 50014223 | COND 5 only body of the instrument, includes: meter, 1 x 25 ml buffer solutions 1413 μ S and 12.88 mS, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. Without sensor |
| 50014413 | Replacement sensor for COND 5 |
| 50014703 | Conductivity cell 2301 T - COND 5, C=1, 2 electrodes with temperature sensor integrated, Epoxy body, cable 1 m length, measuring range 10 μ S...100 mS |
| 50014713 | Cell VPT Soil COND 5 conductivity cell with temperature sensor, C=1, for measures in soil, measuring range 10 μ S...50 mS, cable 1,5 m length for COND 5 |

PC 5

pH / mV (pH) / Cond / TDS / Salinity / °C



Main features

- pH range: -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 buffers USA memorized
- mV function for pH electrode quality test
- COND range: 0,01 μ S ...199,9 mS
- 1...3 points of calibration, 3 conductivity buffers memorized
- Reference temperature 20/25°C, selectable

PC 5

| | |
|------------------------------------|--------------------------------------|
| pH measuring range | -2...16 |
| Resolution | 0,01 |
| Accuracy | \pm 0,01 |
| Calibration points | 1...3 |
| Buffers auto recognition | 5 buffers USA |
| Indication of calibration points | Yes |
| Stability indication | Yes |
| Electrode status alarm | Yes |
| mV (pH) measuring range | -1000 mV ... +1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| COND measuring range | 0,01 μ S...199,9 mS |
| Resolution | Automatic scale |
| Accuracy | \pm 2 % full scale |
| Calibration points | 1...3 |
| Buffers auto recognition | 84 μ S / 1413 μ S / 12.88 mS |
| Indication of calibration points | Yes |
| TC temperature coefficient | 0.00...4.00% / °C |
| TR reference temperature | 20 / 25 °C |
| TDS measuring range | 0,01 ppm...199,9 ppt |
| Resolution | Automatic scale |
| TDS factor | 0,40...1,00 |
| Accuracy | \pm 2 % full scale |
| Salinity measuring range | 0,01 mg/l ...100,0 g/l |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0,1 °C / \pm 0,2 °C |
| Unit | °C / °F |
| Auto off | After 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (\varnothing x L) mm | 40 x 200 |
| Weight | 110 g |



PC 6 kit



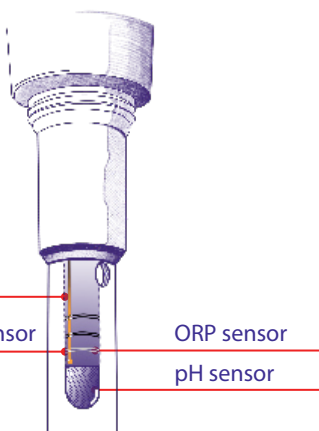
PC 5 Ecopack

How to order

| | |
|----------|--|
| 50014263 | PC 5 tester KIT, includes: meter, 1 x 25 ml pH 7 and pH 4 buffer solution, 1 x 25 ml 1413 μ S e 12,88 mS buffer solution, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014253 | PC 5 Ecopack, includes : meter, string for neck, 2 x 1,5V AAA batteries, cardboard case. |
| 50014433 | Replacement sensor for PC 5 |

PC 6

pH / mV(pH) / mV(Orp) / Cond / TDS / Salinity / °C



Main features

- pH range: -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 buffers USA memorized
- mV function for pH electrode quality test
- ORP range: -1000...+1000 mV
- ORP calibration on 1 point, defined by the user
- COND range: 0,01 μ S ...199,9 mS
- 1...3 points of calibration, 3 conductivity buffers memorized
- Reference temperature 20/25°C, selectable

| | PC 6 |
|------------------------------------|--------------------------------------|
| pH measuring range | -2...16 |
| Resolution | 0,01 |
| Accuracy | \pm 0,01 |
| Calibration points | 1...3 |
| Buffers auto recognition | 5 buffers USA |
| Indication of calibration points | Yes |
| Stability indication | Yes |
| Electrode status alarm | Yes |
| mV (pH) measuring range | -1000 mV ... +1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| mV (ORP) measuring range | -1000 mV ... +1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| Calibration points | 1 defined by the user |
| COND measuring range | 0,01 μ S...199,9 mS |
| Resolution | Automatic scale |
| Accuracy | \pm 2 % full scale |
| Calibration points | 1...3 |
| Buffers auto recognition | 84 μ S / 1413 μ S / 12.88 mS |
| Indication of calibration points | Yes |
| TC temperature coefficient | 0.00...4.00% / °C |
| TR reference temperature | 20 / 25 °C |
| TDS measuring range | 0,01 ppm...199,9 ppt |
| Resolution | Automatic scale |
| TDS factor | 0,40...1,00 |
| Accuracy | \pm 2 % full scale |
| Salinity measuring range | 0,01 mg/l ...100,0 g/l |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0,1 °C / \pm 0,2 °C |
| Unit | °C / °F |
| Auto off | After 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (\varnothing x L) mm | 40 x 200 |
| Weight | 110 g |



Optional plastic case kit

How to order

| | |
|----------|--|
| 50014293 | PC 6 tester KIT, includes: meter, 1 x 25 ml pH 7 and pH 4 buffer solution, 1 x 25 ml 1413 μ S e 12,88 mS buffer solution, 475 mV ORP buffer solution, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. |
| 50014483 | Replacement sensor for PC 6 |
| 50014283 | Plastic case OPTIONAL - PC vesion - includes: 1 x 55 ml pH 7 and pH 4 buffer solution, 1 x 55 ml standard solution 1413 μ S, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries |

ORP 5

mV (ORP) / °C



Main features

- ORP range: -1000...+1000 mV
- ORP calibration on 1 point defined by the user
- Temperature range: 0...60 °C
- Replaceable sensor

| | ORP 5 |
|------------------------------------|---------------------------------|
| mV (ORP) measuring range | -1000 mV ...+1000 mV |
| Resolution | 0.1 mV / 1 mV (automatic scale) |
| Stability indication | Yes |
| Temperature measuring range | 0...60 °C |
| Resolution | 0,1 °C / ± 0,2 °C |
| Unit | °C / °F |
| Auto off | After 8 minutes |
| Display | 3 colors backlight LCD |
| IP protect | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (Ø x L) mm | 40 x 200 |
| Weight | 110 g |



How to order

| | |
|----------|---|
| 50014313 | ORP 5 tester KIT, includes: meter, 1 x 75 ml ORP buffer solution 475 mV , electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case |
| 50014443 | Replacement sensor for ORP 5 |

PX 4

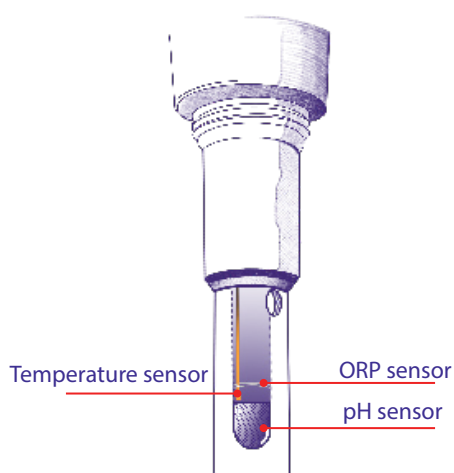
pH / mv (pH) / mV (ORP) / °C



Main features

- pH range: -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 buffers USA memorized
- mV function for pH electrode quality test
- ORP range: -1000...+1000 mV
- ORP calibration on 1 point defined by the user

| | PX 4 |
|------------------------------------|---------------------------------|
| pH measuring range | -2...16 |
| Resolution | 0,01 |
| Accuracy | ± 0,01 |
| Calibration points | 1...3 |
| Buffers auto recognition | 5 buffers USA |
| Indication of calibration points | Yes |
| Stability indication | Yes |
| Electrode status alarm | Yes |
| mV (pH) measuring range | -1000 mV ... +1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| mV (ORP) measuring range | -1000 mV ... +1000 mV |
| Resolution | 0,1 mV / 1 mV (automatic scale) |
| Calibration points | 1 defined by the user |
| Temperature measuring range | 0...60 °C |
| Resolution / Accuracy | 0,1 °C / ± 0,2 °C |
| Unit | °C / °F |
| Auto off | After 8 minutes |
| Display | 3 colors backlight LCD |
| IP protection | IP 67 |
| Power supply | 2 x 1,5V batteries AAA |
| Battery life | > 200 hours |
| Warranty - electronic parts | 1 year |
| Warranty - sensor | 6 months |
| Dimensions (Ø x L) mm | 40 x 200 |
| Weight | 110 g |



PX 4 kit

How to order

| | |
|----------|---|
| 50014143 | PX 4 tester KIT, include: strumento, cappuccio per la calibrazione, soluzioni tampone pH 7 e pH 4 in bustina da 25 ml, soluzione di conservazione per elettrodo, cordino da collo, fazzoletti, 2 x 1,5V AAA batteria, valigetta in cartone. |
| 50014463 | Replacement sensor for PX 4 |

ACCESSORIES

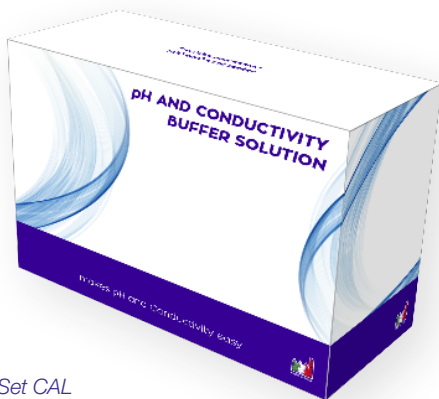
Replacement sensors

| | |
|----------|--|
| 50014403 | Replacement electrode for tester pH5 |
| 50014413 | Replacement sensor for tester COND 5 |
| 50014433 | Replacement sensor for tester PC 5 |
| 50014423 | Replacement electrode for tester pH 5 FOOD |
| 50014443 | Replacement sensor for tester ORP 5 |
| 50014463 | Replacement sensor for tester PX 4 |
| 50014483 | Replacement sensor for tester PC 6 |



Set of calibration buffer solutions, in sachets 25 ml

| | |
|----------|--|
| 51102203 | Set CAL pH BIS 1x20 SACHETS 25ml (10 x pH 4.01/7.00) |
| 51102213 | Set CAL pH TRIS 1x20 SACHETS 25ml (7 x pH 4.01/7.00 + 6 x pH 10.01) |
| 51102223 | Set CAL COND 1x20 SACHETS 25ml (10 x EC 1413/12880 μ S/cm) |
| 51102233 | Set CAL PC 1x20 SACHETS 25ml (7 x pH 4.01/7.00 + 6 x EC 1413 μ S/cm) |
| 51102243 | REPLACEMENT Set for pH 1x20 SACHETS 25ml (6 x pH 4.01/7.01/H ₂ O + 2 x Storage) |
| 51102253 | REPLACEMENT Set for COND 1x20 SACHETS 25ml (7 x EC 1413/12880 μ S/cm + 6 x H ₂ O 10ml) |
| 51102263 | REPLACEMENT Set for PC 1x20 SACHETS 25ml (5 x pH 4.01/7.01/EC 1413 μ S/cm + 3 x H ₂ O + 2 x Storage 10ml) |
| 32383153 | Buffer solution ORP + 475 mV / 25 °C - 75 ml |



Set CAL



Sachets 25 ml

1 anno
WARRANTY
2 YEARS

GARANTITO DA:

GIORGIO·BORMAC
s.r.l.



IP67
WATERPROOF



DISTRIBUITO DA:

