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



Humeau
Expert du laboratoire

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MADE IN ITALY

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 µS...199,9 mS
- COND an TDS functions (COND1)
- 2 x 1,5 V batteries AAA for long-term use.
  compatible with rechargeable batteries



Tester pH 1

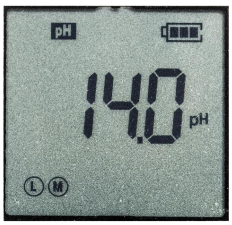


Tester COND 1

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

	pH 1	*COND 1*
pH measuring range	0…14	—
Resolution	0,1	—
Accuracy	± 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 µS… 199,9 mS
Resolution	—	Automatic scale
Accuracy	—	± 2 % full scale
Calibration points	—	1...2
Buffers auto recognition	—	1413 µS / 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 x1,5V batterieS AAA	2 x1,5V batterieS AAA
Battery life	> 300 hours	> 300 hours
Warranty	6 months	6 months
Dimensions (Ø 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 1413µS 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 sed in calibrati

IP 67 waterproof

Only 3 buttons to menage all the functions

Transparent body

Replaceable sensor

Battery level

Temperature

Simple keys for setup and calibrationsi

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

Wide backlight colored LCD display



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... + 1900 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

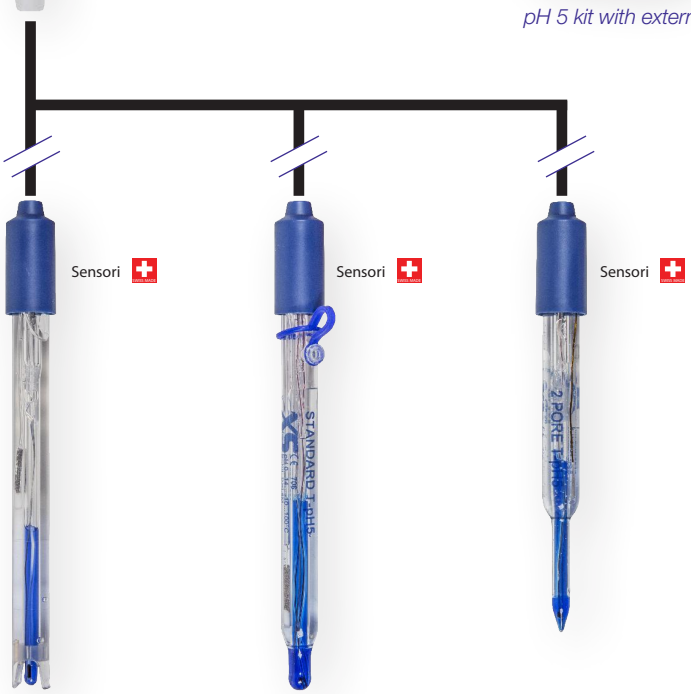
50014063	pH 5 tester KIT, includes: meter, 1 x 25ml pH 7 and pH 4 colored buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case
50014053	pH 5 tester Ecopack, includes: meter, string for neck, 2 x 1,5V AAA batteries
50014073	pH 5 tester KIT sonly 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, mainteance 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, mainteance free
- mV function for pH electroed quality test

	pH 5 FOOD
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 ... + 1900 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 µS...199,9 mS
- 1...3 points of calibration, 3 buffers memorized
- Reference temperature 20 / 25°C, selectable

	COND 5
COND measuring range	0,01 µS...199,9 mS
Resolution	Automatic scale
Accuracy	± 2 % full scale
Calibration points	1...3
Buffers auto recognition	84 µS / 1413 µS / 12.88 mS
Indication of calibration points	Yes
TC temperature coefficent	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	± 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 / ± 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

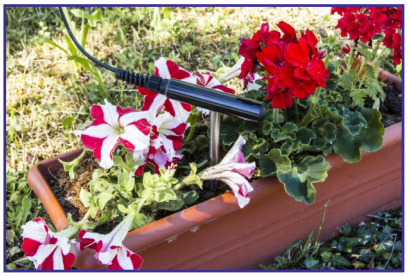




Kit COND 5



COND 5 Ecopack



Soil conductivity with VPT Soil

How to order

50014213	COND 5 tester KIT, includes: meter, 1 x 25 ml buffer solutions 1413µS 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 instument, includes: meter, 1 x 25 ml buffer solutions 1413µS 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 lenght, measuring range 10µS…100 mS
50014713	Cell VPT Soil COND 5 conductivity cell with temperature sensor, C=1, for measures in soil, measuring range 10 µS…50 mS, cable 1,5 m lenght 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 µS ...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	± 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 ... +1900 mV
Resolution	0,1 mV / 1 mV (automatic scale)
COND measuring range	0,01 µS…199,9 mS
Resolution	Automatic scale
Accuracy	± 2 % full scale
Calibration points	1...3
Buffers auto recognition	84 µS / 1413 µS / 12.88 mS
Indication of calibration points	Yes
TC temperature coefficent	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	± 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 / ± 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



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 µS 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

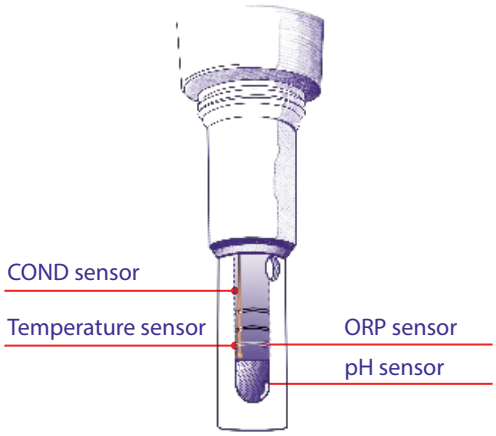
pH / mV(pH) / mV(Orp) / Cond / TDS / Salinity / °C

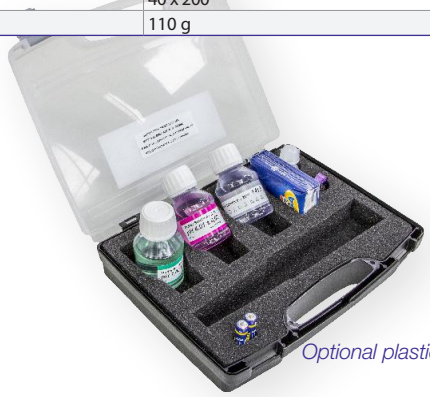


Main features

- 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...+1900 mV
- ORP calibration on 1 point, defined by the user
- COND range: 0,01 µS ...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	± 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 ... +1900 mV
Resolution	0,1 mV / 1 mV (automatic scale)
mV (**ORP**) measuring range	-1000 mV ... +1900 mV
Resolution	0,1 mV / 1 mV (automatic scale)
Calibration points	1 defined by the user
COND measuring range	0,01 µS…199,9 mS
Resolution	Automatic scale
Accuracy	± 2 % full scale
Calibration points	1...3
Buffers auto recognition	84 µS / 1413 µS / 12.88 mS
Indication of calibration points	Yes
TC temperature coefficent	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	± 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 / ± 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





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 µS 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 µS, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries

ORP 5

mV (ORP) / °C



Main features

- ORP range: -1000...+1900 mV
- ORP calibration on 1 point defined by the user
- Temperature range: 0...60 °C
- Repleaceable sensor

	ORP 5
mV (**ORP**) measuring range	-1000 mV ...+1900 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

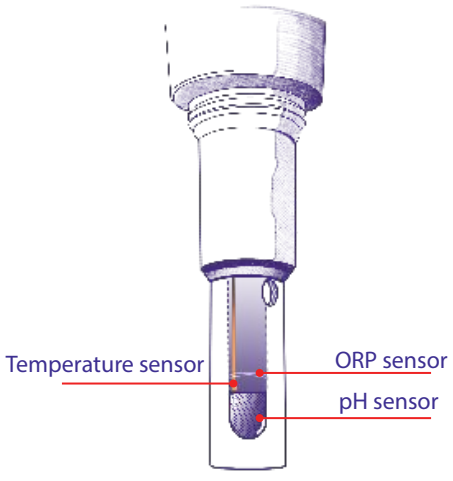
pH / mv (pH) / mV (ORP) / °C



Main features

- pH range: -2...16 pH, resolution 0.01 pH
- 1...3 points of calibration, 5 buffers USA memorized
- mV function for pH elecrtode quality test
- ORP range: -1000...+1900 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 ... +1900 mV
Resolution	0,1 mV / 1 mV (automatic scale)
mV (**ORP**) measuring range	-1000 mV ... +1900 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 tampone 475 mV in bottiglietta da 75 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

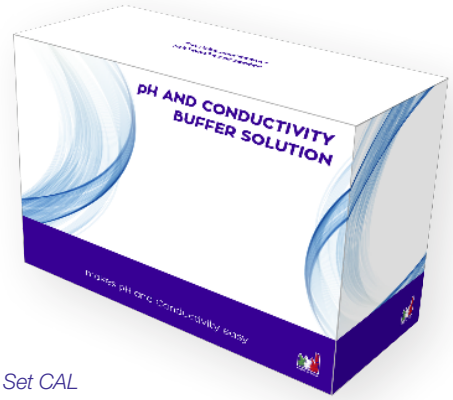
Replacement sensors

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 1413/12880µS/cm)
51102233	Set CAL PC 1x20 SACHETS 25ml (7 x pH 4.01/7.00 + 6 x EC 1413µS/cm)
51102243	REPLACEMENT Set for pH 1x20 SACHETS 25ml (6 x pH 4.01/7.01/H2O + 2 x Storage)
51102253	REPLACEMENT Set for COND 1x20 SACHETS 25ml (7 x EC 1413/12880µS/cm + 6 x H2O 10ml)
51102263	REPLACEMENT Set for PC 1x20 SACHETS 25ml (5 x pH 4.01/7.01/EC 1413µS/cm + 3 x H2O + 2 x Storage 10ml)
32383153	Buffer solution ORP + 475 mV / 25 °C - 75 ml



Set CAL



Sachets 25 ml

1 anno WARRANTY 2 YEARS

MADE IN ITALY

IP67 WATERPROOF

CE

Humeau
Expert du laboratoire

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