



NIEUWKOOP

METEN.NL

LEAFLET



EP2000

EC/PH-TESTER WATERPROOF



TO MEASURE  TO KNOW

EP2000

EC/PH-TESTER WATERPROOF



NIEUWKOOP



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 (EC2620/COND1): 0,01 μ S... 199,9 mS
- COND and TDS functions (EC2620/COND1)
- 2 x 1,5 V batteries AAA for long-term use.
compatible with rechargeable batteries

PH2620/PH 1 pH

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

EC2620/COND 1 Cond/TDS

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



Tester PH2620/PH 1



Tester EC2620/COND 1

	PH2620/PH 1	EC2620/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 (D x L) mm	40 x 200	40 x 200
Weight	105 g	105 g



Display PH2620/PH 1



Display EC2620/COND 1



Tester kit Ecopack

How to order

PH2620/PH 1 tester KIT includes: meter, 1 x 25ml pH 7 and pH 4 coloured buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case.

EC2620/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.

pH 1 tester Ecopack includes: meter, string for neck, tissue, 2 x 1,5V AAA batteries

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 coloured LCD display

Battery level

Temperature

Simple keys for setup and calibration

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

Measure mode

Calibration mode

Alarm

Identifying colour

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

Sensore



EP2000/PC 5 kit cardboard case



Tester kit Ecopack

PH2630/pH 5

pH / mV / °C

Main features

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



Sensor 

	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 hours
Warranty - electronic parts	1 year
Warranty - sensor	6 months
Dimensions (Ø x L) mm	40 x 200
Weight	110 g



Battery compartment



PH2630/PH 5

How to order

PH2630/PH 5 tester KIT, includes: meter, 1 x 25ml pH 7 and pH 4 coloured buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case

pH 5 tester Ecopack, includes: meter, string for neck, 2 x 1,5V AAA batteries

pH 5 tester KIT only body, includes: meter, 1 x 25ml pH 7 and pH 4 coloured buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries, cardboard case. **Without sensor.**

PH7910 Replacement electrode for PH2630/pH 5, with temperature sensor integrated.

Plastic Case OPTIONAL - pH version - includes: 1 x 55ml pH 7 and pH 4 coloured buffer solutions, electrode storage solution, string for neck, tissue, 2 x 1,5V AAA batteries



EC2630/COND 5

Cond / TDS / Salinity / °C



Main features

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

	EC2630/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 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	± 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



Sensor 



Kit EC2630/COND 5



EC2630/COND 5 Ecopack



Soil conductivity with VPT Soil

How to order

EC2630/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.

COND 5 tester Ecopack, includes: meter, string for neck, 2 x 1,5 V AAA batteries

COND 5 only body of the instrument, 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**

Replacement sensor for COND 5

Conductivity cell 2301 T - COND 5, C=1, 2 electrodes with temperature sensor integrated, epoxy body, cable 1 m length, measuring range 10µS...100 mS

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 length for COND 5



EP2000/PC 5

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



Sensor 

Main features

- pH range: -2...16 pH, resolution 0.01 pH
- 1...3 calibration points, 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

	EP2000/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 ... +1900 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 (Ø x L) mm	40 x 200
Weight	110 g



PC 5 Ecopack

How to order

EP2000/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.

PC 5 Ecopack, includes : meter, string for neck, 2 x 1,5V AAA batteries, cardboard case.

Replacement sensor for PC 5

Plastic case OPTIONAL - PC version - 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



PH2720/ORP 5

mV (ORP) / °C



Sensor 

Main features

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

PH2720/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 6 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

PH2720/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

Replacement sensor for ORP 5



ACCESSORIES

Set of calibration buffer solutions, in sachets 20 ml

EC6200	EC1413 ($\mu\text{S}/\text{cm}$) 20 ml
PH6000	pH4.01 20 ml
PH6200	pH7.00 20 ml
PH6300	KCl storage solution 10 ml



Sachets

Replacement sensors

Replacement electrode for tester pH5
Replacement sensor for tester COND 5
Replacement sensor for tester PC 5
Replacement sensor for tester ORP 5



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