



## Digital pH-meter "pH-2003"

PORTABLE METER.

### FEATURES

Manual temperature compensation from 0 to 60 °C with sample temperature key pad entry (does not read temperature).

Automatic buffer recognition of two of those three buffers: pH4, pH7 and pH9.

Electrode connector: BNC type.

Includes: carry case and pH electrode.

### SPECIFICATIONS

	Range	Precision	Resolution
pH:	0 to 14	±0.03	0.01
mV:	±1400	±2	1

Impedance:  $5 \times 10^{11}$  Ohm.

### MODEL

Part No.	Height / Width / Depth cm	Power source	Weight Kg
<b>4120300</b>	17 7.5 3	2 x 1.5V batteries	0.5



See "Accessories for pH meters" for selection of electrodes (Page 247).



## Digital pH meter "pH-2004"

PORTABLE METER WITH IP65 PROTECTION AGAINST WATER AND DUST.

### FEATURES

Automatic temperature compensation and read out from 0 to 60 °C with temperature sensor Rt-2252. Results memory for up to 250 readings.

Protection against water and dust IP65 (Impermeable to water splashes from any direction.) Automatic buffer recognition and calibration for 1 or 2 buffers, recognition of up to 5 selectable buffers.

RS-232 output to connect a printer or a computer. Electrode connector: BNC type.

Includes: carry case, pH electrode and temperature sensor Rt-2252.

Direct connection to printer Part No. 4120113 (see page 247).

Universal arm support not included. Part No. 1001552 (see page 248).

### SPECIFICATIONS

	Range	Precision	Resolution
pH:	0 a 14	±0.02	0.01
mV:	±1800	±2	1
T°:	0 to 60	±0.5	0.1

Impedance:  $1 \times 10^{12}$  Ohm.

### MODEL

Part No.	Height / Width / Depth cm	Power source	Weight Kg
<b>4120400</b>	20 10 4.5	4 x 1.5V AA Batteries	0.5



Part No. 1001552



### ACCESSORY

pH probe and additional temperature sensor, gel filled. Temperature sensor Rt 2252. With IP65 protective connectors.

Part No. **4120401**



## Digital pH meter "pH-2005"

BENCH TOP MODEL WITH LARGE SCREEN.

### FEATURES

Automatic or manual temperature compensation from 0 to 99.9 °C Automatic buffer recognition and calibration of 2 buffers, recognition of up to 3 buffers: pH 4, pH 7 and pH9.21.

RS-232 output to connect a printer or a computer.

Electrode connection BNC.

Temperature sensor connection Rt-2252.

Includes electrode's support stand.

### SPECIFICATIONS

	Range	Precision	Resolution
pH:	0 to 14	±0.02	0.01
mV:	±1999	±1	1
T° (°C):	0 to 99.9	±0.5	0.1

Impedance:  $1 \times 10^{12}$  Ohm.



### MODEL

Part No.	Height / Width / Depth cm	Weight Kg
<b>4120500</b>	30 20 7.2	1.5

See accessories for electrode, temperature sensor and buffer solutions. Not compatible with printer Part No. 4120113 (see page 247).



## Digital pH meter "pH-2006"

BENCH TOP, LARGE GRAPHIC TOUCH SCREEN CONTROL.



### FEATURES

Ergonomic touch screen control functions. Includes support arm.  
Automatic temperature compensation from -5 to 105 °C.  
Up to 5 buffer calibration with 10 buffer recognition.  
Stores up to 200 results.  
RS-232 output to connect a printer or a computer.  
Electrode connector: BNC type.  
Rt-2252 Temperature port.  
Selectable resolution range.  
Direct interface for printer Part No. 4120113 (see accessories).

### SPECIFICATIONS

	Range	Precision	Resolution
pH:	-2 to 18	±0.01	0.001
mV:	±1999.9	±0.1	0.01
T° (°C):	-5 to 105.0	±0.3	0.1

Impedance:  $1 \times 10^{12}$  Ohm.

See accessories for electrodes, temperature probes, buffers and printer.



### MODEL

Part No.	Height / Width / Depth cm	Weight Kg
<b>4120600</b>	<b>29 20 7</b>	<b>1</b>

### ACCESSORIES for pH meters.



#### pH Electrodes

Fig.	Part No.	Range pH	Sensor T°	Temperature Range	Electrolyte	Dimensions mm	Material Body	Application
1	<b>4120102</b>	0 - 14	No	0 - 80°	Liquid	Ø 12 x 120	Glass	General laboratory use.
2	<b>4120125</b>	0 - 14	Yes	0 - 60°	Gel	Ø 12 x 120	Epoxy	Protective cover. General laboratory and external use.
3	<b>4120101</b>	0 - 14	No	0 - 60°	Gel	Ø 12 x 120	Epoxy	Protective cover. General laboratory and outside use.
4	<b>4120114</b>	0 - 10	No	0 - 60°	Gel	Ø 12 x 120	Epoxy	Surface analysis, Skin, meat, moist semisolids, culture media.
5	<b>4120104</b>	0 - 14	No	0 - 60°	Gel	Ø 12 x 120	Glass	Pointed sensor. Suitable for food, semi-solids, fruit meat etc.
6	<b>4120103</b>	0 - 14	No	0 - 80°	Gel	Ø 8 x 60	Glass	For measuring in tubes. Liquid solutions in general.
7	<b>4120126</b>	0 - 14	Yes	0 - 80°	Liquid	Ø 12 x 120	Glass	Fast response, liquids in general.

#### Temperature sensors

Fig.	Part No.	Range	Type	Dimensions mm	Material
8	<b>4120121</b>	0-100	Rt-2252	Ø 5 x 120	Stainless steel
9	<b>4120120</b>	0-100	Rt-2252	Ø 12 x 120	Glass

#### pH Buffer solutions.

- 4120107** Flask 250 ml Buffer ±0.02 pH 4.00 at 20 °C; 4.01 at 25 °C
- 4120108** Flask 250 ml Buffer ±0.02 pH 7.02 at 20 °C; 7.001 at 25 °C
- 4120127** Flask 250 ml Buffer ±0.02 pH 9.23 at 20 °C; 9.18 at 25 °C
- 4120109** Frasco 250 ml KCl 3M solution (Electrolyte for pH electrodes)

#### Ink printer (Not thermal).

For use with pH and conductivity meters.  
Paper 2 1/4" (56 mm) wide roll.  
Interface RS232.  
Includes power transformer and interface cables. (5V-3A)



#### Model

Part No.	Height / Width / Depth cm	Power source	Weight Kg
<b>4120113</b>	<b>4 16 10</b>	<b>DC 5 V, 3 A</b>	<b>1</b>

#### Universal arm support.

With holder for up to 4 sensors or electrodes.  
Very stable heavy base.  
Ideal for working at various heights.  
Part No. **1001552**



#### Ion selective electrodes

Part No.	Ion	Range	Limits	Range °C	Range pH
<b>4120168</b>	Chloride Cl <sup>-</sup>	1-3 x 10 <sup>-6</sup>	35.500 - 1	5-50	1-12
<b>4120174</b>	Nitrate NO <sub>3</sub> <sup>-</sup>	1-7 x 10 <sup>-6</sup>	62.000 - 0.4	0-50	2-11
<b>4120177</b>	Potassium K <sup>+</sup>	1-10 <sup>-6</sup>	39.000 - 0.04	0-50	1-9

#### MAGNETIC STIRRER "AGIMICRO"

##### Features

Maximum stir volume: 2 litres.  
Adjustable stir speed from 40 to 1400 r.p.m.  
Excellent chemical resistance.  
Location hole at the back for a retort rod. (Accessory)

##### Control panel

Mains switch with luminous on indicator.  
Analogue control of speed in r.p.m.

##### Model

Part No.	Medidas cm	Power source	Weight Kg
<b>7001638</b>	<b>Ø 12 x 5</b>	<b>230 V 1 W</b>	<b>0.5</b>

Supplied complete with a 8 Ø x 32 mm P.T.F.E. coated stir bar.



#### ACCESSORY

Support bar and electrode clamp.  
Part No. **7001639**