FALC

LABORATORY
EQUIPMENT

Electrochemical instruments

PH-METERS / CONDUCTIVITY METERS
DISSOLVED OXYGEN METERS / MULTI-METERS

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ELECTROCHEMICAL MEASUREMENT EQUIPMENT PH – ORP – EC – TDS – TEMP – DO

PH-meters, conductimetry and oxygen dissolved meters are digital instruments for liquid, solid and semi-solid analysis.

They can be portable or bench-top models: portable ones are smaller, with battery operation and easy to carry around; bench-top models have larger display, suitable for laboratory considering the support for electrode.

Data logging: 1000 logs can be stored in the built-in memory including readings, GLP data, date and time.

Different logging methods: manual log -on-demand (max. 200 logs); manual log-on-stability (max. 200 logs) and interval log (max. 600 samples; 100 lots)

Electrode diagnostics feature checks and displays the condition of the pH electrode

LCD display with user-friendly icons

2 USB ports: standard USB socket to export data directly drive and micro-USB to connect a computer for file export

PH-METERS

Tester: pH measurement

PH tester
Ideal for use in aquariums, hydroponics, horticulture, educational, pools and beer.

Large dual-level LCD displays with pH and temperature
Extended view of recorded data

Automatic calibration of 1-2 points
Auto-off function
Temperature probe included

pH55

Technical data		pH55 PRO
Range	pH Temp °C/°F	-2.0 to 16.0 pH -5.0 to 60.0°C / 23.0 to 140.0 °F
Resolution	pH Temp °C/°F	0.1 pH 0.1 °C / 0.1°F
Accuracy at 25°C / 77°F	pH Temp °C/°F	±0.1 pH ±0.5 °C / ±1°F
Typical EMC Deviation	pH Temp °C/°F	±0.1 pH ±0.3 °C / 0.6°F
Calibration		Automatic, 1 o 2 points with 2 standard buffers (pH 4.01, 7.01, 10.01 o 4.01, 6.86, 9.18)
Temperature compensation	°C	Automatic from -5 to 60°C
Probe		Mi56P (replaceable)
Environment	°C	-5 - 50°C / 32 - 122°F; max RH 100%
Battery type	°C/°F	4 x 1.5V; IEC LR44, A76 (included)
Battery life		Approx. 300 hours
Auto-off	h	After 8 minutes of non-use
Packaging dimensions	mm	254 x 67 x 47 mm
Packaging weight	g	200 g
Code		**107.2001.50**

PH-METERS

Basic portable models: pH/Temp measurement

Portable pH-meters for easy applications
Suitable for educational, agriculture, horticulture, environmental, water analisys; used by brewers, wine makers and hydroponic growers and farmers

LCD Display

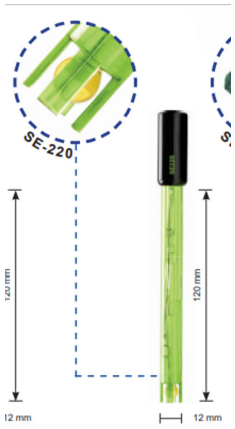
Easy calibration: manual or automatic
Electrode included

MW101

MW102

Technical data		MW101	MW102
Range	pH Temp °C/°F	From 0.00 to 14.00 pH	From -2.00 to 16.00 pH from -5 a 70°C
Resolution	pH Temp °C/°F	0.01 pH	0.01 pH 0.1°C
Accuracy at 25°C / 77°F	pH Temp °C/°F	±0.02 pH	±0.02 pH ±0.5°C
Typical EMC Deviation	pH Temp °C/°F	- -	±0.02 ±0.5°C
Temperature compensation	°C	Manual, 0 to 50°C	Automatic, 0 a 70°C
Calibration		Manual, 2-point through offset and slope trimmers	Automatic at 1 or 2 points with memorized buffers (pH 4.01, 7.01, 10.01)
PH electrode		SE220 (included)	SE220 (included)
Temperature probe		-	MA831R (included)
Environment	°C	0 to 50°C; 95% RH	0 to 50°C; 95% RH
Battery type	V	1 x 9 V alkaline	1 x 9 V alkaline
Battery life	h	Approx. 300 hours of use	Approx. 300 hours of use
Auto-off	min	-	After 8 minutes of non-use
Packaging dimensions	mm	212 x 145 x 67 mm	212 x 145 x 67 mm
Packaging weight	g	420 g	500 g
Code		**107.2001.55**	**107.2001.56**

ELECTRODE INCLUDED



Technical data		SE220
Measuring range	pH	0 - 13
Temperature range	°C	-5 - 70
Shaft material		PEI
Reference electrolyte		Gel
Reference Juncion		Cloth
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	2
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	120
Diameter	mm	12
Application		Drinking water, waste water
Code		**107.2000.01**

TEMPERATURE PROBE INCLUDED

MA831R
Stainless steel
Code 107.2000.80

PH-METERS

Professional portable models: pH/ORP/Temp measurement

Portable professional pH-meters with high performance.
Ideal for use by brewers, wine makers, growers, labs, food processing and water treatment

Alphanumeric LCD display with intuitive information / warning / error messages

Internal clock to keep track of different functions

Recording up to 1000 data
Automatic calibration up to 5 points
Auto-off function
GLP key
Probe and electrode included

MW106

Technical data		MW106
Range	pH	- 2.00 to 20.00 pH/-2.000 to 20.000 pH
	mV	±2000 mV
	Temp °C	- 20.0 to 120.0 °C (-4.0 to 248.0 °F)
Resolution	pH	0.01 pH / 0.001 pH
	mV	0.1 mV
	Temp °C/°F	0.1 °C / 0.1 °F
Accuracy at 25°C / 77°F	pH	± 0.01 pH / ±0.002 pH
	mV	±1 mV
	Temp °C	± 0.5°C to 60°C; ±1°C outside /±1°F up to 140°F; ±2°F outside
pH Calibration		Automatic, up to 5 points calibration, 7 standard buffers available (1.68, 4.01, 6.86, 7.01, 9.18, 10.01, 12.45) and 2 custom buffers
ORP Calibration		Factory calibrated
Temperature compensation	°C/°F	Automatic, from -5 to 80°C / 23 to 176°F
Probe		MA906 BR/1 amplified pH/temperature probe (included)
Temperature probe		Built-in temperature probe
Input impedance	Ohm	10^{12} Ohm
Log		Maximum 1000 log records (stored in up to 100 lots) On demand, 200 logs/ On stability, 200 logs Interval logging, 1000 logs
Pc connectivity		1 micro USB port
Battery type		3 x 1.5V alkaline AAA (included)
Battery life	h	Approx. 200 hours of use
Auto-off	min	5, 10, 30, 60 minutes or off
Environment		0 to 50°C; 95% RH
Packaging dimensions	mm	305 x 280 x 115 mm
Packaging weight	kg	1.22 kg
Code		**107.2001.57**

TEMPERATURE PROBE INCLUDED

MA906BR/1

Technical data		MA906 BR/1
Measuring range	pH	0 - 12
Temperature range	°C	0 - 70
Shaft material		PEI
Reference electrolyte		Gel
Reference Juncion		Ceramic
Reference Type		Ag/AgCl
Shape of membrane		Robust
Max pressure	bar	2
Connerctor Type		BNC / RCA
Cable length	m	1
Shaft length	mm	120
Diameter	mm	12
Application		General applications
Code		**107.2000.84**

PH-METERS

Professional bench-top models: pH/ORP/Temp

Professional bench-top meter with high performance.
Ideal for use by brewers, wine makers, growers, labs, food processing, water treatment and many other applications in laboratory and industrial productions

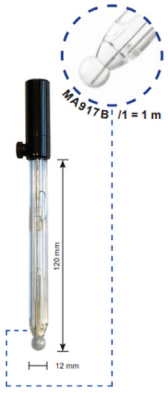
Alphanumeric LCD display with intuitive information/warning/error messages

Automatic calibration up to 5 points
2 USB port: standard USB socket and micro-USB to connect pc to export data
Recording up to 1000 data with reading, GLP data, dates and times
Different logging methods
Electrode diagnostics feature checks and displays the condition
Built-in rechargeable battery with 8 hours battery life
Battery charger with battery monitor
GLP key
No eletrode
Probe included

MW151-E

Technical data		MW151-E
Range	pH	- 2.00 to 20.00 pH/-2.000 to 20.000 pH
	mV	± 1000.0 mV / ±2000.0 mV
	Temp °C	- 20.0 to 120.0° C/-4.0 to 248.0° F
Resolution	pH	0.01 pH / 0.001 pH
	mV	0.1 mV / 0.1 mV
	Temp °C/°F	0.1 °C / 0.1 °F
Accuracy at 25°C / 77°F	pH	± 0.01 pH / ±0.002 pH
	mV	±0.2 mV / ±1 mV
	Temp °C/°F	± 0.4 °C / ±0.8°F
PH Calibration		Automatic up to 5-point automatic pH calibration, 7 standard calibration buffers (pH 1.68, 4.01, 6.86, 7.01, 9.18, 10.01 e 12.45) and two custom buffers
Temperature compensation		Automatic from -20.0 to 120.0°C / -4.0 to 248.0°F or manual, without temperature probe
PH electrode		MA917B/1 (not included)
Temperature probe		MA831R (included)
Log		Maximum 1000 records; On demand, 200 samples; On stability, 200 samples; Interval logging, 600 samples (max. 100 lots)
Pc connectivity		1 USB port, 1 micro USB port
Power supply		12 VDC adapter (included), 5 VDC USB adapter
Battery life	h	8 hours
Auto-off	min	5, 10, 30, 60 minutes or off
Environment	°C	0 to 50°C; RH 95%
Packaging dimensions	mm	335 x 120 x 255 mm
Packaging weight	kg	2 kg
Code		**107.2001.58**

ELECTRODE NOT INCLUDED



Technical data		MA917 B/1
Measuring range	pH	0 - 14
Temperature range	°C	0 - 70
Shaft material		Glass
Reference electrolyte		KCL 3.5M
Reference Juncion		Ceramic, single
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	120
Diameter	mm	8
Application		Laboratory applications
Code		**107.2000.06**

TEMPERATURE PROBE INCLUDED

MA831R
Stainless Steel
Code 107.2000.80

CONDUCTIVITY METERS

Professional portable models: EC/TDS/Salinity/Temp measurament

Professional portable meters to record conductivity with high performance.
Ideal for use by hydroponics, horticulture, labs, food processing and water treatment.

LCD display
Auto-ranging feature for EC and TDS automatically choose the better resolution of data

Recording up to 1000 data with reading, GLP data, dates and times
Different logging methods
GLP data can be transferred to a PC through a USB port
Built-in rechargeable battery with 8 hours battery life
Probe included

MW306

Technical data		MW306
Range	EC µs/cm	0.00 to 29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm absolute EC*
	TDS mg-g/L	0.00 to 14.99 mg/L; 15.0 to 149.9 mg/L; 150 to 1499 mg/L;1.50 to 14.99 g/L - 15.0 to 100.0 g/L; up to 400.0 g/L absolute (*) TDS (with 0.80 factor)
	Salinity g/L	0.0 To 400.0% NaCl 2.00 to 42.00 PSU; 0.00 - 80.00 g/L
	Temp °C/°F	-20.0°C - 120.0°C / -4°F - 248.0°F
Resolution	EC µs/cm	0.01 µS/cm; 0.1 µS/cm; 1 µS/cm; 0.01 mS/cm; 0.1 mS/cm
	TDS mg/L	0.01 mg/L; 0.1 mg/L; 1 mg/L; 0.01 g/L; 0.1 g/L
	Salinity g/L	0.1% NaCl; 0.01 PSU; 0.01 g/L
	Temp °C/°F	0.1 °C / 0.1°F
Accuracy at 25°C / 77°F	EC µs/cm	±1% of reading (±0.05µS/cm or 1 digit, whichever is greater)
	TDS mg/L	±1% of reading (±0.03 ppm or 1 digit, whichever is greater)
	Salinity	±1% of reading
	Temp °C/°F	±0.5°C / ±0.9 °F
Calibration	EC / TDS µS/cm	Single cell factor calibration 6 standards: 84 µS/cm, 1413 µS/cm, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm one-point off set: 0.00 µS/cm
	Salinity	one-point with MA9066 Salinity calibration solution
Temperature compensation		ATC - Automatic from -5 to 100°C (23 to 212°F) MTC – manual, from -20 to 120°C (23 to 212°F) NO TC – without temperature compensation
Temperature coefficent		0.0 - 6.00 % / °C (only with EC and TDS), default value: 1.90% / °C
TDS factory		0.40 – 0.8, dafault value: 0.50
EC probe		MA815 D/1 (included)
Log		Maximum 1000 log records (stored in up to 100 lots) On demand, 200 logs/ On stability, 200 logs/ Interval logging, 1000 logs
Pc connectivity		1 micro USB port
Power supply		12 VDC adapter (included)
Battery life	h	Approx. 200 hours of use
Auto-off	min	5, 10, 30, 60 min or off
Environment		0 – 50 °C; to 95% RH max
Casing		IP67
Packaging dimensions	mm	305 x 280 x 115 mm
Packaging weight	kg	1.22 kg
Code		**107.2003.50**

*absolute conductivity (or TDS) is the conductivity value without temperature compensation

CONDUCTIVITY/TDS/ NaCl/TEMPERATURE PROBE INCLUDED

MA815 D/1
Multi-fuction DIN connector, 1 meter cable
Code 107.2000.82

CONDUCTIVITY METERS

Professional bench-top models: EC/TDS/Salinity/Temp measurement

Professional bench-top meter to record conductivity with high performance.
Ideal for use by education, horticulture, labs, food processing and water treatment

LCD Display
Auto-ranging feature for EC and TDS automatically sets the most suitable resolution for the tested sample

Auto-off function to protect battery
Recording up to 1000 data
GLP data can be transferred to a PC through a USB port
Built-in rechargeable battery with 8 hours life
All measurements can be temperature compensated automatically (ATC), or manually (MTC) with a user-selectable compensation coefficient. Temperature compensation can be disabled (NO TC) if the actual conductivity value is required.
Probe included

MW170

Technical data		MW170
Range	EC µs/cm	0.00 µS/cm -29.99 µS/cm; 30.0 to 299.9 µS/cm; 300 to 2999 µS/cm; 3.00 to 29.99 mS/cm; 30.0 to 200.0 mS/cm; up to 500.0 mS/cm (absolute conductivity*)
	TDS mg-g/L	0.00 to 14.99 mg/L (ppm); 15.0 to 149.9 mg/L (ppm); 150 to 1499 mg/L (ppm); 1.5 to 14.99 g/L (ppt); 15.0 to 100.0 g/L (ppt); up to 400.0 g/L absolute TDS* (with 0.80 factor)
	Salinity g/L	0.0 to 400.0% NaCl; 2.00 to 42.00 PSU; 0.00 to 80.00 g/L
	Temp °C/°F	-20.0 to 120.0°C / -4.0 to 248.0°F
Resolution	EC µs/cm	0.01 µS/cm; 0.1 µS/cm; 1.0 µS/cm; 0.01 mS/cm; 0.1 mS/cm
	TDS mg/L	0.01 mg/L; 0.1 mg/L; 1.0 mg/L; 0.01 g/L; 0.1 g/L
	Salinity g/L	0.1% NaCl; 0.01 PSU; 0.01 g/L
	Temp °C/°F	0.1 °C / 0.1°F
Accuracy at 25°C / 77°F	EC µs/cm	±1% of reading (±0.05 µS/cm or 1 digit, whichever is greater)
	TDS mg/L	±1% of reading (±0.03 ppm or 1 digit, whichever is greater)
	Salinity	±1% of reading
	Temp °C/°F	±0.5°C; ±0.9 °F
Calibration	EC / TDS µS/cm	Single cell factor calibration 6 standards: 84 µS/cm, 1413 µS/cm, 5.00 mS/cm, 12.88 mS/cm, 80.0 mS/cm, 111.8 mS/cm one-point off set: 0.00 µS/cm
	Salinity	one-point with MA9066 Salinity calibration solution
	Temp	2 points, 0 to 50°C / 32 to 122°F
Temperature compensation		ATC – Automatic from -5 to 100°C (23 to 212°F) MTC – manual, from -5 to 100°C (23 to 212°F) No TC – without temperature compensation
Temperature coefficent		0.0 to 6.00 % / °C (only EC and TDS) Default value: 1.90% / °C
Probe		MA814DB/1 4-ring probe with built-in temperature sensor (included)
TDS factor		0.40 – 0.80 Default value: 0.50
Log		Maximum 1000 records; On demand max 200 samples;On stability max 200 samples; Interval logging max 1000 samples (max. 100 lots)
Pc connectivity		1 micro USB port
Environment		0 – 50 °C; max RH 95%
Power supply		12 VDC adapter (included)
Battery life	h	8 hours
Packaging dimensions	mm	335 x 120 x 255 mm
Packaging weight	kg	2.16 kg
Code		**107.2003.52**

*absolute conductivity (or TDS) is the conductivity value without temperature compensation

CONDUCTIVITY/TDS/NaCl/TEMPERATURE PROBE INCLUDED

MA814 DB/1
Conductivity readings are performed by applying an alternate current to the 4-ring probe with creates a variable voltage depending on the conductivity.
Multi-fuction - DIN connector - 1 meter cable

Code 107.2000.81

DISSOLVED OXYGEN METERS

Portable models: oxygen measurement

Portable dissolved oxygen meters for educational, aquaculture, environmental and water analysis; used by biologists and educators to fish farmers and koi pond owners

LCD Display

Built-in rechargeable 9V battery
Calibration on 2 points
Probe included

MW600

Technical data		MW600
Range	O^2 mg/L	0.0 a 19.99 mg/L
Resolution	O^2 mg/L	0.1 mg/L
Accuracy at 25°C	O^2	±1.5 full scale
Calibration		Manual on 2 points (zero and slope)
Temperature compensation		Automatic from 0 to 30°C
Probe		MA840 (included)
Environment		0 - 50°C / 32 - 122°F; max RH 95%
Battery type		V9 Alkaline (included)
Battery life	h	Approx. 70 hours of use
Packaging dimensions	mm	268 x 122 x 118 mm
Packaging weight	g	880 g
Code		**107.2002.51**

POLAGRAPHIC D.O. PROBE INCLUDED

MA840
4 meter cable
Code 107.2000.83

Altitude & Salinity compensation

If the samples contain salts or if you are performing the measurements at altitude different from sea level, the readout values must be corrected, considering the lower degree of oxygen solubility. Altitude compensation: all the readouts are referred to sea level, thus the displayed measurements are higher than the actual values. In fact, altitude affects D.O. concentration by decreasing its value.
The table on the left reports the oxygen solubility at various temperatures and altitudes, based on seal level barometric pressure of 760 mmHg.
This gives an idea of the error that can be introduced at different altitudes and allows to calculate the quantity to be subtracted to correct the reading.

Altitude, Meters above Sea Level								
°C	0 m	300 m	600 m	900 m	1200 m	1500 m	1800 m	°F
0	14.6	14.1	13.6	13.2	12.7	12.3	11.8	32.0
2	13.8	13.3	12.9	12.4	12.0	11.6	11.2	35.6
4	13.1	12.7	12.2	11.9	11.4	11.0	10.6	39.2
6	12.4	12.0	11.6	11.2	10.8	10.4	10.1	42.8
8	11.8	11.4	11.0	10.6	10.3	9.9	9.6	46.4
10	11.3	10.9	10.5	10.2	9.8	9.5	9.2	50.0
12	10.8	10.4	10.1	9.7	9.4	9.1	8.8	53.6
14	10.3	9.9	9.6	9.3	9.0	8.7	8.3	57.2
16	9.9	9.7	9.2	8.9	8.6	8.3	8.0	60.8
18	9.5	9.2	8.7	8.6	8.3	8.0	7.7	64.4
20	9.1	8.8	8.5	8.2	7.9	7.7	7.4	68.0
22	8.7	8.4	8.1	7.8	7.7	7.3	7.1	71.6
24	8.4	8.1	7.8	7.5	7.3	7.1	6.8	75.2
26	8.1	7.8	7.5	7.3	7.0	6.8	6.6	78.8
28	7.8	7.5	7.3	7.0	6.8	6.6	6.3	82.4
30	7.5	7.2	7.0	6.8	6.5	6.3	6.1	86.0
32	7.3	7.1	6.8	6.6	6.4	6.1	5.9	89.6
34	7.1	6.9	6.6	6.4	6.2	6.0	5.8	93.2
36	6.8	6.6	6.3	6.1	5.9	5.7	5.5	96.8
38	6.6	6.4	6.2	5.9	5.7	5.6	5.4	100.4
40	6.4	6.2	6.0	5.8	5.6	5.4	5.2	104.4

MULTI-METERS

Portable models: PH/EC/TDS measurement

Multi-use meter for educational, agricultural and water analysis.

Display LCD

Manual calibration on 1 point for PH and EC value
Probe included

MW802

Technical data		MW802
Range	pH EC mS/cm TDS ppm	0.00 a 14.00 pH 0.00 a 6.00 mS/cm 0 a 4000 ppm
Resolution	pH EC mS/cm TDS ppm	0.10 pH 0.10 mS/cm 10 ppm
Accuracy	pH EC/TDS	±0.20 ±2% full scale
Calibration solutions		PH7.01 1413 µS/cm
Conversation factor		0.68
Calibration		Manual at 1 point
Temperature compensation		Automatic from 0 to 50°C
Probe		SE600 combination pH/EC/TDS (included)
Environment		0 - 50°C / 32 - 122°F; max RH 95%
Battery type		1x 9V Alkaline (included)
Battery life	h	Approx. 150 hours of use
Packaging dimensions	mm	268 x 122 x 118 mm
Packaging weight	g	720 g
Code		**107.2005.60**

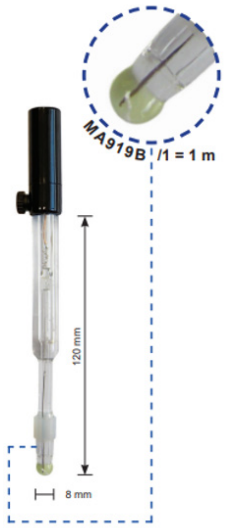
COMBINED PH/EC/TDS PROBE INCLUDED

SE600
The pH electrode utilizes a fiber junction to reduce contamination when measuring fertilizer solutions. 4 meter cable.

Code 107.2000.90

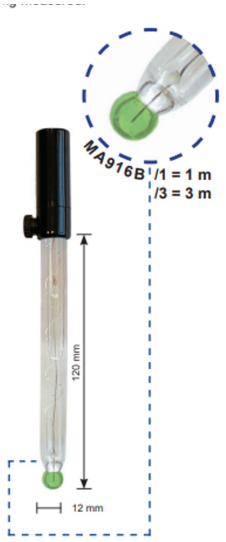
ELECTRODES AND PROBES

MA919B/1



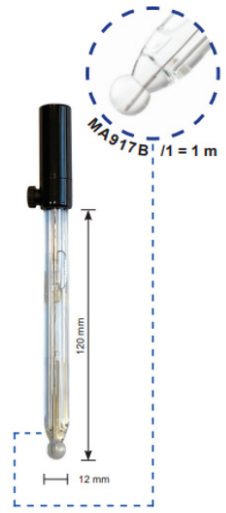
Technical data		
Measuring range	pH	0 - 13
Temperature range	°C	-5 to 70
Shaft material		Glass
Reference electrolyte		KCL 3.5M
Reference Juncion		Open
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial e 1 meter
Shaft length	mm	120
Diameter	mm	8
Application		Food laboratory
Code		**107.2000.08**

MA916B/1



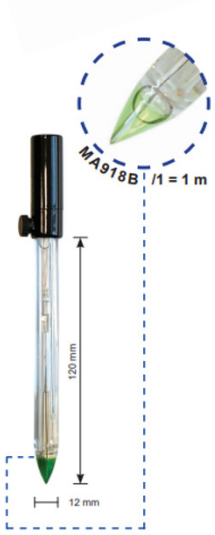
Technical data		
Measuring range	pH	0 - 12
Temperature range	°C	0 to 60
Shaft material		Glass
Reference electrolyte		KCL 3.5M
Reference Juncion		Ceramic, single
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1 o 3
Shaft length	mm	120
Diameter	mm	12
Application		Laboratory applications
Code		**107.2000.05**

MA917B/1



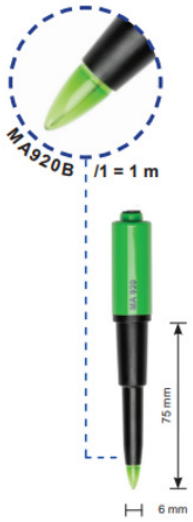
Technical data		
Measuring range	pH	0 - 14
Temperature range	°C	0 to 70
Shaft material		Glass
Reference electrolyte		KCL 3.5M
Reference Juncion		Ceramic, single
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	120
Diameter	mm	8
Application		Laboratory applications
Code		**107.2000.06**

MA918B/1



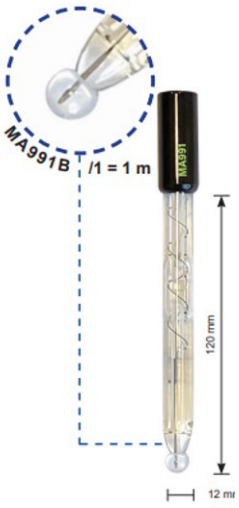
Technical data		
Measuring range	pH	0 - 12
Temperature range	°C	-5 to 60
Shaft material		Glass
Reference electrolyte		KCL 3.5M
Reference Juncion		Ceramic, triple
Reference Type		Double Ag/AgCl
Shape of membrane		Conic
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	120
Diameter	mm	12
Application		Food-laboratory applications
Code		**107.2000.07**

MA920B/1



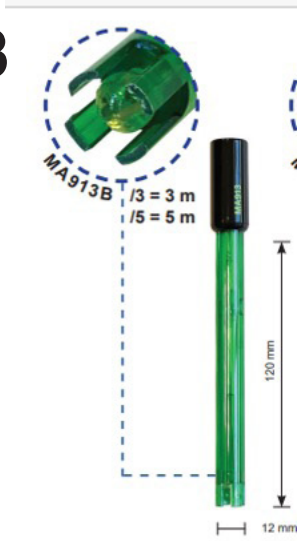
Technical data		
Measuring range	pH	0 - 12
Temperature range	°C	-5 to 50
Shaft material		PVDF
Reference electrolyte		Viscolene
Reference Juncion		Open
Reference Type		Single Ag/AgCl
Shape of membrane		Conical
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	75
Diameter	mm	6
Application		Food laboratory
Code		**107.2000.09**

MA991B/1



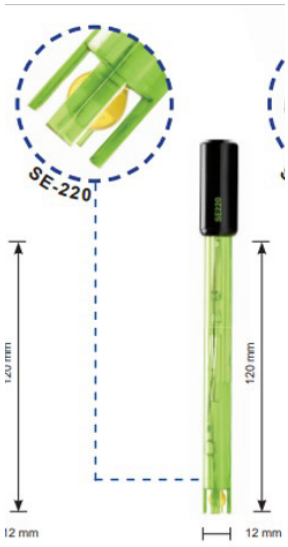
Technical data		
Measuring range	pH	0 - 13
Temperature range	°C	-5 to 70
Shaft material		Glass
Reference electrolyte		Gel
Reference Juncion		Ceramic, single
Reference Type		Single, Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	0,1
Connerctor Type		BNC
Cable length	m	Coaxial 1 o 3
Shaft length	mm	120
Diameter	mm	12
Application		Laboratory applications
Code		**107.2000.10**

MA913B/3



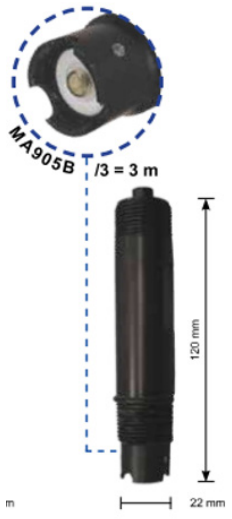
Technical data		
Measuring range	pH	0 - 13
Temperature range	°C	20 to 60
Shaft material		PEI
Reference electrolyte		Gel
Reference Juncion		Ceramic, single
Reference Type		Single, Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	2
Connerctor Type		BNC
Cable length	m	Coassiale 3 o 5
Shaft length	mm	120
Diameter	mm	12
Application		Drinking water, discharging water
Code		**107.2000.21**

SE220



Technical data		
Measuring range	pH	0 - 13
Temperature range	°C	-5 to 70
Shaft material		PEI
Reference electrolyte		Gel
Reference Juncion		Cloth
Reference Type		Double Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	2
Connerctor Type		BNC
Cable length	m	Coaxial 1
Shaft length	mm	120
Diameter	mm	12
Application		Drinking water, discharging water
Code		**107.2000.01**

MA905B/3



Technical data		
Measuring range	pH	0 - 13
Temperature range	°C	-10 to 80
Shaft material		PVDF
Reference electrolyte		Polimeric
Reference Juncion		Double PTFE
Reference Type		Double Ag/AgCl
Shape of membrane		Flat
Max pressure	bar	6
Connerctor Type		3/4" NPT-BNC
Cable length	m	3
Shaft length	mm	120
Diameter	mm	22
Application		Industrial applications
Code		**107.2000.20**

MA911B/2

Technical data		
Measuring range	pH	0 - 12
Temperature range	°C	0 to 60
Shaft material		PP
Reference electrolyte		Gel
Reference Juncion		Cloth
Reference Type		Ag/AgCl
Shape of membrane		Spheric
Max pressure	bar	2
Connerctor Type		BNC
Cable length	m	1
Shaft length	mm	120
Diameter	mm	12
Application		Pool applications
Code		**107.2000.15**

MA906BR/1

Technical data		
Measuring range	pH	0 - 12
Temperature range	°C	0 to 70
Shaft material		PEI
Reference electrolyte		Gel
Reference Juncion		Ceramic
Reference Type		Ag/AgCl
Shape of membrane		Robust
Max pressure	bar	2
Connerctor Type		BNC / RCA
Cable length	m	1
Shaft length	mm	120
Diameter	mm	12
Application		General applications
Code		**107.2000.84**

Note

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Note

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