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ANALYTICAL EXCELLENCE...

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### Benchtop pH/ORP/Ion Meter

#### pH:

- 1 – 5 points calibration with automatic recognition for USA, NIST and DIN buffers
- Automatic electrode diagnosis shows pH slope and offset
- Automatic temperature compensation ensures accurate readings
- Calibration due alarm

#### ORP:

- 1 point offset calibration allows adjusting the displayed value to a known standard
- Relative and absolute millivolt modes provide accurate ORP measurements

#### Ion Concentration Modes (for MA-PH930)

- 2 – 5 point calibration
- Direct ion concentration readout simplifies the measurement process
- Automatic electrode diagnosis shows calibration points and slopes
- Selectable concentration units (ppm, mg/L, mol/L) and ionic valency

#### GENERAL FEATURES

- Auto-read function senses and locks the measurement endpoint
- Setup menu allows setting up of pH buffer set, number of calibration points, resolution, stability criteria, temperature unit, date and time etc
- Reset function available to default instrument to factory settings

- Expanded memory up to 500 readings
- USB communication interface for data transfer and timed interval readings

**Accessories:**

- E201-BNC plastic body pH electrode
- Temperature probe
- pH buffer sachets
- Electrode holder
- DC5V power adapter



MA-PH920



MA-PH930

**MODEL SPECIFICATIONS:**

<b>Model</b>	<b>MA-PH920</b>	<b>MA-PH930</b>
pH Range	-2.000~20.000pH	
pH Accuracy	±0.002pH	
pH Resolution	0.1, 0.01, 0.001pH, selectable	
pH Calibration Points	1~5 points	
pH Calibration Solutions	USA, NIST, DIN, 2 custom buffers	
ORP mV Range	±1999.9mV	
ORP Relative mV Range	±1999.9mV	
ORP Resolution	0.1, 1mV, selectable	
ORP mV Accuracy	±0.2mV	
ORP Calibration Points	1 point	
Ion Range	/	0.001~19999ppm, mg/L, mol/L (depending on the range of ISE)
Ion Resolution	/	0.001, 0.01, 0.1, 1
Ion Accuracy	/	±0.5% F.S (Monovalent), ±1% F.S (Divalent)
Ion Measurement Units	/	ppm, mg/L, mol/L, mmol/L
Ion Calibration Points	/	2 to 5 points
Ion Calibration Solutions	/	0.001, 0.01, 0.1, 1, 10, 100, 1000, 10000
Temp. Range	0~105°C/32~221°F	
Temp. Resolution	0.1°C/0.1°F	
Temp. Accuracy	±0.5°C/±0.9°F	
Temp. Offset Calibration	1 point, reading ±10°C	
Temp. Compensation	0~100°C, manual or automatic	
Stability Criteria	Low or High	
Calibration Due Alarm	1 to 30 days or Off	
Slope/Offset Display	Yes	
Hold Function	Manual or auto-endpoint	
Memory	500 data sets	
Communication Interface	USB	
Connector	BNC, 3.5mm jack socket	
Display	LCD (125*100mm)	
Power Requirements	DC5V power adapter	

Dimensions (W*D*H) mm	210*188*60
Package Size (W*D*H) mm	310*240*180
Net Weight (kg)	1.5
Gross Weight (kg)	1.7