

Bench Meters HI2210, HI2211

HANNA

- ◆ Microprocessor controlled
- ◆ Automatic or manual temperature compensation
- ◆ Automatic 2 point calibration with buffer recognition
- ◆ Simultaneous display of pH (or mV – HI2211) and temperature
- ◆ Large LCD readout
- ◆ Result memory with recall

Model		HI2210	HI2211
Range (resolution)	pH	-2.00 to 16.00 (0.01)	-2.00 to 16.00 (0.01)
	mV (ISE)	—	±399.9 (0.1)
	mV (ORP)	—	±2000 (1)
	°C	9.9 to 120.0 (0.1)	-9.9 to 120.0 (0.1)
Accuracy	pH	±0.01	±0.01
	mV (ISE)	—	±0.2
	mV (ORP)	—	±1
	°C	±0.5	±0.5
Calibration		Automatic 1 or 2 point, pH4.01, 6.86, 7.01, 9.18, 10.01 buffers recognised – both models	
Temp. compensation	°C	Automatic or manual, -9.9 to 120 – both models	
Input impedance	Ω	10 ¹² – both models	
Power		12V d.c. mains adapter – both models	
Overall L x W x D	mm	240 x 182 x 74 – both models	

Bench meters, HI2210, HI2211

As described. Supplied with glass bodied, combination pH electrode and temperature probe, all with 1 metre cables, electrode holder, pH4.01 and 7.01 buffer solutions in 20ml bottles, electrode filling solution, instructions and 12V d.c. mains adapter. A 230V 50/60Hz supply is required for the adapter.

- PJ860-47** HI2210
PJ860-51 HI2211

Spares and accessories

- PJ862-08** Glass bodied electrode
PJ862-22 Temperature probe
PJ857-25 ORP electrode



PJ860-47 in use, PJ860-51 is similar

Bench Meter PH213

HANNA

- ◆ pH, temperature (°C) and mV ranges
- ◆ Simultaneous display of pH/mV and temperature
- ◆ Two pH resolution levels selectable, 0.01 and 0.001
- ◆ Automatic 1 or 2 point calibration with buffer recognition of up to 5 pH values
- ◆ Manual or automatic temperature compensation

Model		PH213
Range (resolution)	pH	0 to 16 (0.01 or 0.001 selectable)
	mV	-999.9 to 2000 (0.1)
	°C	0.0 to 100.0 (0.1)
Accuracy	pH	±0.01 (or ±0.002 with 0.001 resolution selected)
	mV	±0.05% of full scale
	°C	±0.5
Calibration		Automatic 1 or 2 point, pH4.01, 6.86, 7.01, 9.18, 10.01 buffers recognised
Temp. compensation	°C	Automatic or manual, 0 to 100
Input impedance	Ω	10 ¹²
Output		RS232
Power		12V d.c. mains adapter
Overall L x W x D	mm	240 x 182 x 74

Bench meter, PH213

As described. Supplied with glass bodied, combination pH electrode and temperature probe, all with 1 metre cables, electrode holder, pH4 and 7 buffer solutions in 20ml bottles, electrode filling solution, instructions and 12V d.c. mains adapter. A 230V 50/60Hz supply is required for the adapter.

- PJ865-44** PH213

Spares and accessories

- PJ862-08** Glass bodied electrode
PJ862-22 Temperature probe
PJ857-34 Data transfer software
PJ866-07 RS232 cable for connecting meter to IBM-compatible personal computers



PJ865-44 in use