

## HI 5000 Series Research Quality pH Meters and Multiparameter pH Meters



- ▶ Large graphic display
- ▶ Dirt-resistant touch keyboard
- ▶ Contextual help menu
- ▶ CalCheck pH calibration function
- ▶ Automatic or manual storage of measurements
- ▶ USB port for connection to a computer
- ▶ GLP compliance

HI 5221 and HI 5222 pH meters supplied with :

- supplied with HI 1131B combination pH electrode;
- Temperature probe HI 7662-W ;
- bag of buffer solutions pH 4, pH7 ;
- cleaning solutions for electrodes ;
- electrolyte solution ;
- electrode holder ;
- AC adapter.

HI 5521 and HI 5522 multiparameter pH meters supplied with :

- supplied with HI 1131B combination pH electrode;
- EC/TDS HI 76312 probe ;
- Temperature probe HI 7662-W ;
- bag of buffer solutions pH 4, pH7 ;
- cleaning solutions for electrodes ;
- electrolyte solution ;
- a dosing pipette ;
- electrode holder ;
- AC adapter.

Ranges		pH meters		pH meters and multiparameters	
Model		HI 5221	HI 5222	HI 5521	HI 5522
pH-metry	Range	- 2.0 to 20.0 pH / -2.00 to 20.00 pH / -2.000 to 20.000 pH			
	Resolution	0.1 pH / 0.01 pH / 0.001 pH			
	Accuracy	± 0.1 pH / ± 0.01 pH / ± 0.002 pH			
Redox	Range	± 2000 mV			
	Resolution	0.1 mV			
	Accuracy	± 0,2			
Conductivity	Range	-	-	0.000 to 1000 mS/cm	
	Resolution	-	-	From 0.001 µS/cm to 1 mS/cm	
	Accuracy	-	-	± 1%	
Resistivity	Range	-	-	1.00 Ohm-cm to 100.0 MOhm-cm	
	Resolution	-	-	From 0.01 Ohm-cm to 0.1 MOhm-cm	
	Accuracy	-	-	± 2 %	
TDS	Range	-	-	0.000 mg/l at 400 g/l	
	Resolution	-	-	From 0.001 mg/l to 0.1 g/l	
	Accuracy	-	-	± 1 %	
Salinity	Range	-	-	Practical salinity : 0 to 42 g/l / sea water : 0.00 to 80.00 g/l 0.0 to 400.0%	
	Resolution	-	-	0.01 g/l / 0.1 %	
	Accuracy	-	-	± 1 %	
Ionometry	Range	-	1.00 x 10 <sup>-7</sup> to 9.99 x 10 <sup>-10</sup> conc. 105 to 0.005 ppm	-	1.00 x 10 <sup>-7</sup> to 9.99 x 10 <sup>-10</sup> conc. 105 to 0.005 ppm
	Resolution	-	0.01 to 1	-	0.01 to 1
	Accuracy	-	± 1 %	-	±1%
Temperature	Range	- 20 to 120 °C			
	Resolution	0.1 °C			
	Accuracy	± 0.2°C			
PC connection	Optically isolated USB port				
Dim. (W x D x H) (mm)	160 x 231 x 94				
Weight (kg)	1.2				
Cat. No.	052409B	052412B	052411B	054585	
€ Excl. VAT	NC -	NC -	NC -	NC -	

### Accessories

Cat. No.	Description	€ Excl. VAT
052015	Electrode holder	NC -
052025	RS 232 cable for PC connection	NC -