

ANALOGUE ELECTROCHEMISTRY RANGE

PPD 26 & PSD 21 pH-meters
CSD 22 conductivity meter



Compact instruments for an educational approach

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Intuitive adjustment using buttons

Compatible with computer-assisted experimentation (CAEx) software

Simple to use

Wide display for easier reading

Manual switching of the parameters (PSD 21 & PPD 26) and measurement ranges (CSD 22)



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Measure up



Technical specifications:

		PSD 21 pH-meter	PPD 26 pH-meter	CSD 22 conductivity meter	
Display		1 x 2,000-count LCD screen			
Measurement parameters	pH	■	■		
	Redox potential	■	■		
	Conductivity			■	
	Temperature		■		
METROLOGICAL PERFORMANCE					
Measurement range and associated resolution (Rs)	pH	0 - 14 (Rs = 0.01 pH)			
	Redox potential	± 1,999 mV (Rs = 1 mV)			
	Conductivity			<i>4 ranges:</i> 0 - 200 µS/cm 0 - 2 000 µS/cm 0 - 20 mS/cm 0 - 200 mS/cm	<i>Resolutions:</i> Rs = 0.1 µS/cm Rs = 1 µS/cm Rs = 0.01 mS/cm Rs = 0.1 mS/cm
	Temperature		0 - 150 °C (Rs = 0.1 °C)		
Calibration		pH: manual, 2 points Redox potential: manual, 1 point		Manual, 1 point	
FUNCTION					
Temperature compensation		MTC (0 - 100 °C)	MTC (0 - 60 °C)		
ENVIRONMENTAL SPECIFICATIONS					
Operating temperature		0 to 50 °C			
Humidity		5 to 80 % at 35 °C			
Pollution class		Category 2 in use			
Altitude ceiling		2,000 m			
Conformity		NF EN 61010-1 — NF EN 61326 (class B)			
PHYSICAL SPECIFICATIONS					
Dimensions (length x width x depth)		187 x 106 x 54 mm			
Weight		280 g	340 g	280 g	
Connections (inputs)		BNC plug for pH/ mV electrode 2 mm banana for separate reference electrode	3.5 mm Jack plug for temperature sensor (Pt100) BNC plug for pH/mV electrode	BNC plug for conductivity cell	
Communication (outputs)		Isolated 4 mm terminals for logger output	2.54 mm Jack plug for logger output	Isolated 4 mm terminals for logger output	
Power supply		9 V mains adapter (supplied)	9 V battery (supplied)	9 V mains adapter (supplied)	
Warranty		3 years			

References for ordering and state at delivery:

Portable pH-meter: instrument delivered with pH4 and pH7 concentrated calibration solutions (125 mL), 1 User's Manual and 1 x 9V battery	PPD26
Benchtop pH-meter: instrument delivered with pH4 and pH7 concentrated calibration solutions (125 mL), 1 User's Manual and 1 mains power supply (9V).	PSD21
Benchtop conductivity meter: instrument delivered with KCl 1M solution (125 mL), 1 User's Manual and 1 mains power supply (9V).	CSD22
Electrodes/probes and mechanical accessories	Please contact us