

ANALOGUE RANGE

MPC 25 Multi-Parameter Tester

Simple and reliable

Rugged

Intuitive adjustment with buttons

Simultaneous measurements to save time

Double display for easier reading

Manual switching of the parameters (pH/mV) and measurement ranges (conductivity)

Simultaneous measurement of pH or mV and conductivity

2 separate analogue outputs

Compatible with Computer-Assisted Experimentation software



Technical specifications:

MPC 25 Multi-Parameter Tester

Display	2,000-count LCD screen		
Measurement parameters	pH	■	
	Redox potential	■	
	Conductivity	■	
METROLOGICAL PERFORMANCE			
Measurement range and associated resolution (Rs)	pH	0 - 14 (Rs = 0.01)	
	Redox potential	± 1,999 mV (Rs = 1 mV)	
	Conductivity	<i>4 measurement ranges:</i> 0 - 200 µS/cm 0 - 2,000 µS/cm 0 - 20 mS/cm 0 - 200 mS/cm	<i>Resolution:</i> Rs = 0.1 µS/cm Rs = 1 µS/cm Rs = 0.01 mS/cm Rs = 0.1 mS/cm
Calibration	pH: manual with 1 or 2 buffers Redox potential: manual with 1 buffer Conductivity: manual with 1 buffer		
FUNCTION			
Temperature compensation	MTC (0 – 100 °C)		
ENVIRONMENTAL SPECIFICATIONS			
Operating temperature	0 to 50 °C		
Humidity	5 to 80 % at 35 °C		
Pollution degree	Usage category 2		
Altitude limit	2,000 m		
Compliance	NF EN61010-1 – NF EN 61326 (class B)		
PHYSICAL SPECIFICATIONS			
Dimensions (length x width x depth)	275 x 208 x 51 mm		
Weight	800 g		
Connections (inputs)	BNC socket for pH/mV electrode Separate input for reference electrode BNC socket for connectivity cell		
Communication (outputs)	Isolated 4 mm terminals for conductivity output to recorder Isolated 4 mm terminals for pH/mV output to recorder		
Power supply	9 V mains adapter (supplied)		
Warranty	3 years		

Reference for ordering and state at delivery:

Laboratory multi-parameter tester: instrument delivered with 2 concentrated pH4 and pH7 reference solutions (125 mL), 1M KCl solution (125 mL), Michaelis solution, 2 mm/4 mm adapter, user manual and mains adapter (9 V power supply)	MPC25
Electrodes/probes and mechanical accessories	Please contact us

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