

ORION benchtop pH / conductivity meter



- Displays pH, mV, conductivity, TDS, salinity and resistivity
- Display of pH and conductivity on the same screen
- Memory: 2000 sets of points

PH range	-2.000 to 16.000
Resolution	0.1 or 0.01 or 0.001
Accuracy	± 0,002
Range mV	± 2000.0 mV
Accuracy	± 0.2 mV or ± 0.05% of the measured value
Conductivity range	0.001 µS/cm to 3000 mS/cm
Accuracy	0.5 % of reading +0.01 µS/cm (0 to 3µS/cm) 0.5% of the read value (remaining range)
Reference temperature	5; 10; 15; 20; 25°C
Temperature range	-5.0 to 105.0°C
Accuracy	± 0.1°C
Port	RS232 or USB
Dimensions	240 x 180 x 100 mm
Weight	0.9 kg
Cat.No. without electrode	262954
€ Excl. VAT	NC -
Cat. No. with pH electrode and conductivity probe	262955
€ Excl. VAT	NC -

Electrodes

Cat.No.	Description	€ Excl. VAT
262880	ROSS triode electrode with built-in temperature sensor	NC -
262934	Duraprobe conductivity cell	NC -

ORION STAR A120 and A320 series portable pH/ion meters



- Orion STAR A121 delivered with :
 - ROSS Triode pH electrode
 - Built-in temperature probe
 - Buffer solution in 60 ml bottle
- Orion STAR A320 delivered with :
 - ROSS Ultra pH electrode
 - Built-in temperature probe
 - Buffer solution in sachet

		Orion STAR A121	Orion STAR A320
pH	Measuring range	-2.00 to 16.00	-2.000 to 20.000
	Resolution	0,1 / 0,01	0.1 / 0.01 / 0.001
	Accuracy	± 0.01 pH	± 0.002 pH
mV	Measuring range	-1600.0 to +1600.0	-2000.0 to +2000.0
	Resolution	0.1	
Temperature	Accuracy	± 0.2 mV or ± 0.05% of the measured value	
	Measuring range	-5.0 to +105.0°C	
	Resolution	0.1	
Ionometry	Accuracy	± 0.1°C	
	Measuring range	-	0.0001 to 19900 ISE (ppm, M, %, ppb)
Calibration	Accuracy	-	± 0.2 mV or ± 0.05% of the measured value
	pH	Up to 3 points with automatic recognition of NIST and DIN buffers	Up to 5 points with automatic recognition of NIST or DIN buffers
Memory	Ionometer	-	Up to 5 points
	Memory	50 non-time stamped values	5000 time-stamped values
IP		67	
Dimensions (cm)		24 x 10 x 6.5	
Weight (kg)		0.5	
Warranty		3 years	
Cat. No.		228758	228759
€ Excl. VAT		NC -	NC -

Accessories

Cat.No.	Description	€ Excl. VAT
228760	ROSS pH 9107 BNMD ROSS Ultra pH/ATC Electrode filled with gel electrolyte	NC -
228761	ROSS pH 8107 UWMMD Ultra pH Electrode electrolyte gel body	NC -

ANALYSIS AND MEASUREMENTS