

# XS PC 80 PRO Stirrer - Bench multiparameter - Cell VPT1 - Without electr ode



Item Code: 50104252

## DATA SHEET

### Features

Accuracy (Cond)	±0,5 % f.s.
ISE accuracy	0.5 % f. s. for monovalent ions - 1 % for divalent ions
Accuracy (pH)	±0,002 pH
Accuracy (Salinity)	±1 % f.s.
Accuracy (TDS)	±1 % f.s.
Accuracy (Temperature)	±0,2 °C
Magnetic stirrer	Yes, independently controlled
Power supply	100 - 240 V
Temperature calibration	Yes
AQA calibration	Yes
Temperature coefficient (max)	0,00 ... 10,00 % / °C
DHS compatibility	Yes
Temperature compensation	0,0 ... +100,0 °C
Ultrapure water compensation	Yes for values below 10 µS
PC Communication	USB type B
Stirring speed control	15 levels
Cell constant	2 rings: 0.1 / 1 / 10   4 rings: 0.55
Criteria for stability of the measure	Med - High - Tit   Secondi (ISE)
Description	VPT1 conductivity cell
Display	4.3" high-definition, backlit colour TFT
TDS factor	0,40 ... 1,00
AQA	Yes
Calibration data indication	Yes with reports
Buffer used indication	Yes with icon
Electrode status indication	Yes with graph and icon
Inputs	2 x BNC - 2 x RCA - Multipin - 4 mm banana
Selectable languages	Eng - Ita - Deu - Esp - Fra - Por
Memory	8000
Name	EDM Ltd. PC 80 Pro

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Parameters	pH - mV - ORP - ISE - Cond - TDS - Sal - Res - T
Password	6 to 10 characters with a capital letter, a number and a symbol
Weight	1,255 kg
Calibration points Cond	1 ... 4 automatic values - 1 user value
ION calibration points	2 ... 5
ORP calibration points	1 automatic value - 1 user value
PH calibration points	1 ... 5 automatic values - 1 ... 5 user values
Cond measuring range	0,00 µS ... 1000 mS
Ion measuring range	0,001 ... 19999 mg/l
mV ORP measuring range	-2000 ... +2000 mV
pH measuring range	-2,000 ... +20,000 pH
Resistivity measuring range	1,00 Ω ... 10,00 MΩ
Salinity measuring range	0,01 ppm ... 100 ppt
TDS measuring range	0,1 mg/l ... 500 g/l
temperature measurement range	-30,0 ... +130,0 °C
Calibration Report	Yes, printable
Cond resolution	0,01 / 0,1 / 1 (scala automatica) µS/cm - mS/cm
ORP resolution	0.1 / 1 (automatic) mV
pH resolution	0,1 / 0,01 / 0,001 pH
Temperature resolution	0,1 °C
Buzzer	Yes
pH alarm range	Min - Max
Swabs recognised Cond	84 µS - 147 µS - 1413 µS - 12,88 mS - 111,8 mS
Recognised pH buffers	USA - NIST - DIN 19266 - Mettler Toledo Eu - Merck
Working temperature	0 ... +45 °C
Reference temperature	+15 ... +30 °C
Timer calibration due with alarm	Si
Cell type	2 rings - 4 rings
ION measuring unit	mg/l - g/l - mol/l
Stirring speed	0 ... 3000 rpm
Analog view	Yes
Max stirring quantity	2 L

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