pH/mV/°C/ion meter, bench, SevenCompact™ S220
Mettler-Toledo

Intuitive, user friendly and powerful meter. Measures pH, ORP and ion concentration in various units. Ideal for a wide range of applications.

• User friendly operation, clear, well arranged colour display
• Menu guidance in 10 languages
• GLP compliant
• Supports ISM® technology (Intelligent Sensor Management)

Ordering information: S220-Basic, meter only, is supplied with electrode holder, protective cover, operating instructions, quick guide, declaration of conformity and test certificate.
S220-Kit includes instrument, InLab® Expert Pro ISM® electrode, guide to pH measurements and 2 buffer sachets for pH 4,01, 7,00, 9,21 and 10,00, electrode holder, protective cover, quick guide, declaration of conformity and test certificate.

S220-Bio supplied with the same items as for S220-Kit with the exception that the InLab® Routine Pro ISM® electrode replaces the InLab® Expert Pro ISM®.

S220-Univ supplied with the same items as for S220-Kit with the exception that the InLab® Versatile Pro electrode replaces the InLab® Expert Pro ISM®.

Model	S220
pH - range	−2,000...+20,000
pH - resolution	0,001 / 0,01 / 0,1
pH - accuracy	±0,002
pH - calibration	Max. 5 points with 8 predefined buffer groups and 1 user-defined buffer group
mV - range	±2000,0
mV - resolution	0,1 / 1
mV - accuracy	±0,2
ISE - range	0,000 - 10000,0 ppm
ISE - resolution	± last significant digit
ISE - accuracy	±0,5%
ISE - units	%, ppm, mg/l, mmol/l, mol/l, px
Temperature range (°C)	Manual: −30,0...+130,0 Automatic: −5,0...+130,0
Temperature resolution (°C)	0,1
Temperature accuracy (°C)	±0,1
Temperature compensation	Manual/automatic
Data logging - capacity	1000 measurements
Display	TFT
Connections	BNC (pH sensor), Mini-DIN (stirrer), Cinch/RCA (NTC 30 kΩ or PT1000 temperature sensor), 2 mm reference
Outputs	RS232, USB-A, USA-B
W×D×H (mm)	204×174×74
Weight (kg)	0,89
Compliance	IP 54 / GLP

Description	Pk	Cat. No.
SevenCompact™ S220-Basic	1	**662-1378**
SevenCompact™ S220-Kit	1	**663-0194**
SevenCompact™ S220-Bio	1	**663-0195**
SevenCompact™ S220-Univ	1	**663-0196**

Description	Temp. (°C)	Material	Electrolyte	Ø×L (mm)	Diaphr.	Connection	For	Pk	Cat. No.
pH electrodes, InLab® ISM®									
InLab® Routine Pro ISM®	0...+100	Glass	3 mol/l KCl	12×120	Ceramic	MultiPin™	General purpose	1	**663-0197**
InLab® Expert Pro ISM®	0...+100	PEEK	XEROLYT® polymer	12×120	Open junction	1,2 m cable, BNC/RCA (Cinch)	Wastewater, highly saline solutions; gels, soaps and shampoos; proteinaceous media; beverages; suspended solids, oily samples	1	**663-0198**
Economy pH electrodes, InLab® Versatile									
InLab® Versatile Pro	0...+100	Polysulfone	3 mol/l KCl	12×120	Ceramic	1,2 m cable, BNC/RCA (Cinch)	General purpose	1	**662-2825**