pH/mV Meter

Seven2Go™ pH/mV

Everywhere You Measure



Simple and reliable, attractively designed and robust. The Seven2Go portables are engineered to provide users with fast quality data, one-handed operation, and durability, making them ideally suited for mobile applications in the laboratory, at-line, or outdoors.

METTLER TOLEDO

Your Mobile Lab, Wherever You Go
Quality Measurement Made Mobile

Routine & Pro meters



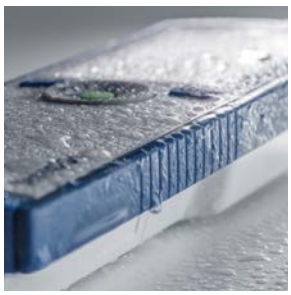
Simple Menu – Intuitive Operation
Seven2Go's new intuitive menu guarantees out-of-the-box operation for anyone. Users no longer need to study lengthy operating instructions.



T-Pad – Comfortable, Fast Navigation
Seven2Go's new T-Pad improves the speed with which you move through menus. The smart button arrangement allows for faster navigation that provide you shorter time to actual measurement.



ISM® Ready – Reduced Chances for Error
Upon connection of any InLab ISM (Intelligent Sensor Management) sensor, the instrument automatically recognizes the sensor and stores sensor ID, serial number, and last calibration data.



IP67 – Weatherproof and Robust Design
Thanks to its IP67 protection and drop test resistance, the new Seven2Go portables are able to withstand harsh and demanding environments.

Pro meters only



12 Languages – No more Confusion
The Seven2Go supports 12 languages and offers a user interface that uses complete words and sentences. The lack of cryptic expressions simplify operation and reduces strain on the user.



Sunlight-proof – Always Brilliant Readability
The screen's contrast is enhanced by direct sunlight. This guarantees an excellent readability even under bright and sunny conditions.



StatusLight™ – Easy Readiness Check
Thanks to the new StatusLight you are instantly aware of how the meter is doing. An easy to understand traffic light concept shows if your meter is ready or not.

Specification for Seven2Go





Measurement Parameters	Specifications	S2 pH/mV	S8 pH/Ion
pH	Measuring range	–2...20 pH	–2...20 pH
	Resolution	0.01	0.001
	Accuracy	± 0.01 (electronic)	± 0.001 (electronic)
ORP, Redox	Measuring range	–1999..1999 mV	–2000..2000 mV
	Resolution	1	0.1
	Accuracy	± 1	± 0.1
	Units	mV, rel. mV	mV, rel. mV
Ion	Measuring range		1.00e-09…9.99e09
	Resolution		3 or 4 digits (auto)
	Accuracy		± 0.5%
	Units		mg/L, mmol/L, mol/L, %, ppm, pX
Temperature (°C)	Measuring range	–5…105	–5…130 (ATC) / –30…130 (MTC)
	Resolution	0.1	0.1
	Accuracy	± 0.5	± 0.2; (± 0.5 if T<0 or T>105)
	ATC/MTC	Yes	Yes
Calibration (pH)	Calibration points	5	5
	Predefined buffer groups	4	8
	User-defined buffer group	Yes	Yes
	Automatic buffer recognition	Yes	Yes
	Calibration methods	Linear, segment	Linear, segmented
Calibration (Ion)	Calibration points		5
	User-defined Ion-standards		1
	Automatic standard recognition		Yes
	Calibration methods		Linear, segmented
General Measurement Specifications	Automatic and manual endpoint recording	Yes	Yes
	Time-dependent endpoint recording	Yes	Yes
	Serial measurements in user-defined time interval	Yes	Yes
	Acoustic endpoint signal	No	Yes
	Visual endpoint signal	Yes	Yes
Data Security/Storage	StatusLigth™	No	Yes
	ISM®	Yes (Light version)	Yes
	Time and date	No	Yes
	User management (Routine, Expert, Outdoor)	No	Yes
	Data storage	200	2000 (GLP conform)
	Calibration reminder	No	Yes
	Sensor ID, SN; Sample ID; User ID	No	Yes
	User-defined alarm limits	No	Yes
	PIN protection	No	Yes
Connectors	Sensor inputs	BNC (10^{12} Ω) / RCA (cinch)	BNC (10^{12} Ω) / RCA (cinch) / 2 mm banana
	Communication interfaces	No	Micro-USB (USB Device)
General	Size/weight instrument	222 x 70 x 35 mm / 270 g	222 x 70 x 35 mm / 290 g
	Power supply	4 x 1.5V AA or 1.3V NiMH accumulators	
	Operating hours	250...400 hrs	200...250 hrs
	Display	Segmented LCD display	Graphic LCD display

Order Information

Order info	Description	Ideally suited for	Order no.
S2-Meter	Includes instrument, electrode clip, operating instructions, quick guide, test certificate, declaration of conformity and batteries.		30207949
S2-Standard kit	As S2-Meter, but also with InLab Expert Pro-ISM-IP67, bottles for calibration and buffer sachets for pH 4.01, 7.00 and 9.21.	Wide range of samples including emulsions and suspensions.	30207950
S2-Field kit	As S2-Standard kit, but also with uGo™ carrying case.	As above, but especially for measurements on the go.	30207951
S2-Food kit	As S2-Field kit, but with InLab Solids Pro-IP67 instead of InLab Expert Pro-ISM-IP67.	Solid and semi-solid samples like cheese and meat.	30207952
S2-Light kit	As S2-Field kit, but with InLab Versatile Pro instead of InLab Expert Pro-ISM-IP67.	Students and educational purpose.	30207953
S8-Meter	Includes instrument, LabX direct pH, USB cable, electrode clip, base accessory, operating instructions, quick guide, test certificate, declaration of conformity and batteries.		30207874
S8-Standard kit	As S8-Meter, but also with InLab Expert Pro-ISM-IP67, bottles for calibration and buffer sachets for pH 4.01, 7.00 and 9.21.	Wide range of samples, also suited for emulsions and suspensions.	30207875
S8-Field kit	As S8-Standard kit, but also with uGo™ carrying case.	As above, but especially for measurements on the go.	30207877
S8-Biotech kit	As S8-Field kit, but with InLab Routine Pro ISM (incl. cable) instead of InLab Expert Pro-ISM-IP67.	Fast results in wide range of samples including harsh chemicals.	30207878
S8-Fluoride kit	As S8-Field kit, but with perfectION Fluoride instead of InLab Expert Pro-ISM-IP67.	aqueous samples, tooth paste and mouth wash.	30207879

Accessories for Seven2Go

	Order no.
uGo carrying case	30122300
Seven2Go meter benchtop stabilizing base	30088880
Seven2Go electrode clip and electrode clip covers (4 pieces)	30113406
Seven2Go wrist strap (METTLER TOLEDO)	30088887
Seven2Go micro-USB to standard-A USB cable	30097888
Seven2Go DC wallplug adapter for USB cable (includes international converters)	30207980

Everything you need for precise and reliable measurements:



www.mt.com/electrode-guide



www.mt.com/buffers

www.mt.com/pH

For more information

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