

# Seven2Go™ pH/mV & Ion

## 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, and outdoors.

## 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 provides 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

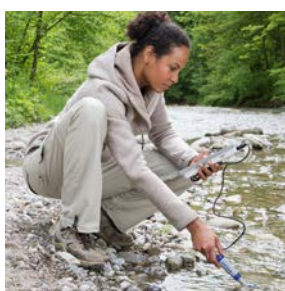
Thanks to its IP67 protection and drop test resistance, the new Seven2Go portables are able to withstand harsh and demanding environments.

#### Pro Meters Only



##### 12 Languages – Clear and Concise

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

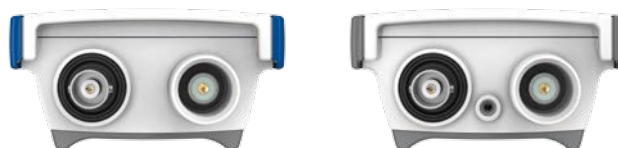
The screen's contrast is enhanced by direct sunlight. This guarantees an excellent readability even under bright and sunny conditions.



##### LED Status Light – Easy Readiness Check

Thanks to the new status light 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.

## Specifications for Seven2Go



Measurement Parameters	Specifications	S2 pH/mV	S8 pH/Ion
<b>pH</b>	Measuring range	-2...20 pH	-2...20 pH
	Resolution	0.01 / 0.1	0.001 / 0.01 / 0.1
	Accuracy (sensor input)	± 0.01	± 0.002
<b>ORP, Redox</b>	Measuring range	-1999 ... 1999 mV	-2000 ... 2000 mV
	Resolution	1	0.1 / 1
	Accuracy (sensor input)	± 1	± 0.1
	Units	mV, rel. mV	mV, rel. mV
<b>Ion</b>	Measuring range		1.00e-09...9.99e+09
	Resolution		3 or 4 digits (auto-range)
	Accuracy (sensor input)		± 0.5%
	Units		mg/L, mmol/L, mol/L, %, ppm, pX
<b>Temperature</b>	Measuring range	-5.0...105.0 °C	-5.0...130.0 °C (ATC) -30.0...130.0 °C (MTC)
	Resolution	0.1 °C	0.1 °C
	Accuracy (sensor input)	± 0.5 °C	± 0.2 °C if T = 0 °C...105 °C ± 0.5 °C if T < 0 °C or T > 105 °C
	Automatic/Manual temperature capture	Yes	Yes
<b>Calibration (pH)</b>	Calibration points	5	5
	Predefined buffer groups	4	8
	User-defined buffer group	Yes	Yes
	Automatic buffer recognition	Yes	Yes
	Calibration methods	Linear, segmented	Linear, segmented
<b>Calibration (Ion)</b>	Calibration points		5
	User-defined Ion-standards		1
	Calibration methods		Linear, segmented
<b>General Measurement Specifications</b>	Automatic and manual endpoint recording	Yes (Manual only)	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
<b>Data Security/Storage</b>	LED Status Light	No	Yes
	ISM®	Yes (Light version)	Yes
	Time and date	No	Yes
	User levels (Routine, Expert, Outdoor)	No	Yes
	Memory size	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
<b>Connectors</b>	Sensor inputs	BNC (10 <sup>12</sup> Ω) / RCA (cinch)	BNC (10 <sup>12</sup> Ω) / RCA (cinch) / 2 mm banana
	Communication interfaces	No	Micro-USB (USB Device)
<b>General</b>	Size/weight instrument	222 x 70 x 35 mm / 270 g	222 x 70 x 35 mm / 290 g
	Power supply	4x 1.5 V AA or 1.3 V NiMH acc.	4x 1.5 V AA, 1.3 V NiMH acc. or USB
	Operating hours	250...400 hrs	200...250 hrs
	Display	Segmented LCD display	Graphic mono-TFT display

## Order Information

Order info	Description	Ideally suited for	Order no.
S2-Meter	Includes instrument, electrode clip, operating instructions, quick guide, test report, declaration of conformity and batteries.		30207949
S2-Standard kit	As S2-Meter, plus InLab® Expert Pro-ISM-IP67 and buffer sachets for pH 4.01, 7.00, 9.21 and 10.00	Wide range of samples including emulsions and suspensions.	30207950
S2-Field kit	As S2-Standard kit, plus bottles for calibration and 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-Standard kit, but with InLab Versatile Pro instead of InLab Expert Pro-ISM-IP67.	Academic and educational purposes.	30207953
S8-Meter	Includes instrument, LabX direct pH, USB cable, electrode clip, base accessory, operating instructions, quick guide, test report, declaration of conformity and batteries.		30207874
S8-Standard kit	As S8-Meter, plus InLab Expert Pro-ISM-IP67 and buffer sachets for pH 4.01, 7.00, 9.21 and 10.00.	Wide range of samples, also suited for emulsions and suspensions.	30207875
S8-Field kit	As S8-Standard kit, plus bottles for calibration and 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-Standard kit, but with perfectION Fluoride instead of InLab Expert Pro-ISM-IP67 and no buffer sachets.	Aqueous samples, tooth paste and mouth wash.	30207879

## Accessories for Seven2Go

	Order no.
uGo carrying case	30122300
Seven2Go meter base accessory for extra stability on flat surfaces	30122303
Seven2Go electrode clip and electrode clip covers (4 pieces)	30137805
Seven2Go wrist strap	30122304
Seven2Go micro-USB to standard-A USB cable for optional power supply or PC connectivity (Pro meters only)	30137807
Seven2Go DC wallplug adapter for USB cable for optional DC power supply (Pro meters only)	30137806
LabX Direct pH PC software (Pro meters only)	51302876
uPlace™ electrode holder	30019823
Multipin BNC/RCA cable (1.8 m) – IP67-ISM	30209921

Everything you need for precise and reliable measurements:



▶ [www.mt.com/electrode-guide](http://www.mt.com/electrode-guide)



▶ [www.mt.com/buffers](http://www.mt.com/buffers)

[www.mt.com/pH](http://www.mt.com/pH)

For more information



### Mettler-Toledo AG, Analytical

CH-8603 Schwerzenbach, Switzerland  
Tel. +41 22 567 53 22  
Fax +41 22 567 53 23

Subject to technical changes  
© 10/2014 Mettler-Toledo AG, 30208962  
Marketing pH Lab / MarCom Analytical

