DO Meter

Seven2Go™ DO

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



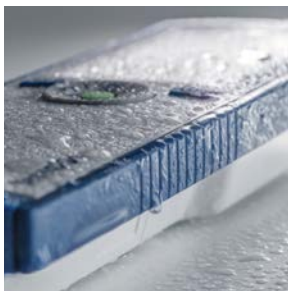
Simple Menu – Intuitive Operation
Seven2Go's new intuitive menu guarantees out-of-the-box operation for anyone. Users no longer need to study lengthy operating instructions.



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	S4 DO (polarographic)	S9 DO (optical)
Dissolved Oxygen	Measuring range	0.00…99.9 mg/L (ppm)	0.00…50.0 mg/L (ppm)
	Display Resolution	0.01	0.01
	Accuracy	± 0.5%	±0.1 mg/L from 0…8
			±0.2 mg/L from 8…20
			±10 % from 20…50
	Units	mg/L, ppm. %	mg/L, ppm, %
DO Saturation	Measuring range	0.0…600%	0.0…500%
	Resolution	0.1	0.1
	Accuracy	0.05 nA @ 0 nA; 0.65% @ 65 nA	± 10%
Pressure	Measuring range	500…1100 mbar	500…1100 mbar
	Resolution	1	1
	Accuracy	± 2%	± 2%
	Choice of pressure units	mbar, hPa, mmHg, Atm	mbar, hPa, mmHg, Atm
	Automatic/Manual pressure compensation	Yes	Yes
Temperature (°C)	Measuring range	0…60	0…50
	Resolution	0.1	0.1
	Accuracy	± 0.2	± 0.1 for T: 0…50 °C as defined by the DO sensor
	ATC/MTC	Yes	Yes
Calibration	Calibration points	2	2
	Predefined oxygen standards	1	1
General Measurement Specifications	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 data storage	Yes	Yes
	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)	Mini LTW (IP67)
	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.
S4-Meter	Includes instrument, electrode clip, operating instructions, quick guide, test certificate declaration of conformity and batteries.		30207958
S4-Standard kit	As S4-Meter, but also with InLab 605-ISM and bottles for calibration.	Aqueous samples, alcoholic and non-alcoholic beverages.	30207959
S4-Field kit	As S4-Standard kit, but including uGo™ carrying case and zero oxygen tablets	As above, but especially for measurements on the go.	30207960
S9-Meter	Includes instrument, LabX direct pH, USB cable, electrode clip, base accessory, operating instructions, quick guide, test certificate, declaration of conformity and batteries.		30207970
S9-Standard kit	As S9-Meter, but also with InLab OptiOx, bottles for calibration and zero oxygen tablets.	Fast results in aqueous samples.	30207971
S9-Field kit	As S9-Standard kit, but including uGo™ carrying case and InLab OptiOx with protective guard.	As above, but especially for measurements on the go.	30207972
S9-BOD kit	As S9-Field kit, but including InLab OptiOx (without protective guard), BOD adapter and BOD application note.	BOD measurements in all kind of waters.	30207939

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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