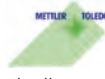


Conductivity meter, portable, Seven2Go



These meters are simple to use and reliable, they are engineered to provide users with fast quality data and one-handed operation. Their robust design makes them very durable and ideally suited for mobile applications in the laboratory, at-line, and being waterproof, in the field.

- Simple menu for straight out of the box operation
- T-Pad navigation control for fast and comfortable movement through menus
- ISM (Intelligent Sensor Management) ready, recognises sensors and stores their details
- Waterproof tested to IP67 and drop test resistance
- Automatic/ Manual temperature capture
- Predefined conductivity standards
- User-defined conductivity standards
- Manual cell constant entry
- All models come with operating instructions, quick guide, test report, declaration of conformity and batteries
- Both models are available in 4 variations.

Variation Ideally suited for

S3 Meter	Depending on electrode that is used with the unit
S3 Standard	Aqueous samples with mid to high conductivity
S3 Field kit	As above but especially suited for measurements on the go
S3 Bioethanol kit	Bioethanol and biofuels.
S7 Meter	Depending on electrode that is used with the unit
S7 Standard	Aqueous samples with mid to high conductivity
S7 Field kit	As above but especially suited for measurements on the go
S7 USP/EP kit	Ultra-pure water and low conductivity samples

Technical Specifications

Conductivity Range	0.010 $\mu\text{S}/\text{cm}$...500 mS/cm (Model S7 = 0.010 $\mu\text{S}/\text{cm}$...1000 mS/cm)
Conductivity Resolution	0.001...1 (auto-range)
Conductivity Accuracy (sensor input)	$\pm 0.5\%$
TDS Range	0.01 mg/L ...300 g/L (Model S7 = 0.01 mg/L ...600 g/L)
TDS Resolution	0.01...1 (auto-range)
TDS Accuracy (sensor input)	$\pm 0.5\%$
Specific resistance range	0.01...100.0 M cm
Specific resistance resolution	0.01...0.1 (auto-range)
Specific resistance accuracy (sensor input)	$\pm 0.5\%$
Salinity Range	0.01...42 psu
Salinity Resolution	0.01...0.1 (auto-range)
Salinity Accuracy (sensor input)	$\pm 0.5\%$
Conductivity Ash Range	0.01...2022%
Conductivity Ash Resolution	0.01...1 (auto-range)
Conductivity Ash Accuracy (sensor input)	0.50%
Temperature range	-5.0...105.0 $^{\circ}\text{C}$
Temperature resolution	0.1 $^{\circ}\text{C}$
Temperature accuracy (sensor input)	± 0.2 $^{\circ}\text{C}$
Calibration points	1
Sensor input	LTW 7-pin (IP67)
Measurements	222 x 70 x 35 mm
Weight	270 g (Model S7 = 290g)
Power supply	4x 1.5 V AA or 1.3 V NiMH acc. (Model S7 also has USB)
Operating hours	250...400 hours (Model S7 = 200...250 hours)
Display	Segmented LCD (Model S7 = Graphic LCD)



CO/60032

Cat. No.	Code	Description
CO/60030	30207954	S3 Meter with electrode clip, no electrodes supplied
CO/60032	30207955	S3 Standard kit, with plus InLab 738-ISM and sachets of conductivity standards 1413 $\mu\text{S}/\text{cm}$ and 12.88 mS/cm .
CO/60034	30207956	S3 Field kit, as the-Standard kit, plus bottles for calibration and uGo™ carrying case.
CO/60036	30207957	S3 Bioethanol kit, as field kit, but with InLab 725 instead of InLab 738-ISM and conductivity standard 84 $\mu\text{S}/\text{cm}$.
CO/60038	30207961	S7 Meter with LabX direct pH*, USB cable, electrode clip, base accessory, no electrode supplied
CO/60040	30207962	S7 Standard kit, with plus InLab 738-ISM, sachets of conductivity standard 1413 $\mu\text{S}/\text{cm}$ and 12.88 mS/cm .
CO/60042	30207963	S7Field kit, as standard kit plus bottles for calibration and uGo™ carrying case.
CO/60044	30207873	S7 USP/EP Kit as standard kit with but with InLab 742-ISM instead of InLab 738-ISM.

*Mettler LabX direct pH is Mettler's data collection software for all portable and benchtop Seven series conductivity, dissolved oxygen and pH meters