

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 |
|---|---|--|---|
| pH | 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 |
| ORP, Redox | 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 |
| Ion | 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 |
| Temperature | 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 |
| 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, segmented | Linear, segmented |
| Calibration (Ion) | Calibration points | | 5 |
| | User-defined Ion-standards | | 1 |
| | Calibration methods | | Linear, segmented |
| General Measurement Specifications | 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 |
| Data Security/Storage | 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 |
| 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 | 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 LCD 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



▶ www.mt.com/buffers

www.mt.com/pH

For more information



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