

# **Quick and Reliable Measurements**

For Results at your Fingertips



# **Pure flexibility**

# Simple and accurate measurements

- Portable instruments for pH, conductivity, ion and dissolved oxygen determination
- Robust, watertight single- and dual-channel instruments for use in demanding conditions
- Efficiency thanks to unique ergonomics and extremely simple operation
- Comprehensive range of equipment qualification services including IQ/OQ/PQ

#### SevenGo™ – For quick and reliable measurements

- Single-channel instrument for routine use
- pH/mV or conductivity measurements
- Data storage for 30 GLP records
- Excellent price/performance ratio

# Cana anna

#### SevenGo Duo™ - Reliable measurements with ISM®

- Dual-channel instrument for routine use
- Parallel pH/mV and conductivity measurements
- Data storage for 99 GLP data records
- Includes Intelligent Sensor Management (ISM®)



#### SevenGo pro™ – For precise measurements

- Professional, single-channel instrument for high measurement accuracy
- Determination of pH/mV/ions, conductivity or dissolved oxygen
- Data storage for 200 GLP data records
- Contact-free infrared communication



#### SevenGo Duo pro™ - Unlimited measurement possibilities with ISM®

- Dual-channel instrument to meet the highest requirements
- Parallel determination of pH/mV/ion combined with conductivity or dissolved oxygen
- Modern data management with 500 GLP data records and contactfree infrared communication
- Revolutionary Intelligent Sensor Management (ISM®)





# The SevenGo<sup>™</sup> product range Composed of high-calibre individuals

All of the products in the SevenGo<sup>™</sup> family from METTLER TOLEDO are characterized by user-friendliness and excellent ergonomics. The instruments are suited for mobile measurements both in the field and in the production environment.

#### Routine tasks for SevenGo™ and SevenGo Duo™

The two single-channel instruments, SG2 Seven-Go™ pH and SG3 SevenGo™ conductivity have all the basic functions required for performing routine measurements and they constitute an economical alternative to the SevenGo pro™ instruments. The SG23 SevenGo Duo™ pH/mV/conductivity meter is best suited for parallel routine measurements in dual-channel mode. In addition, it also offers Intelligent Sensor Management (ISM®).



# THE CONTROL OF THE PARTY OF THE

#### Special applications for SevenGo pro™

The SevenGo pro™ pH/mV/ion (SG8), conductivity (SG7) and dissolved oxygen (SG6) instruments are ideal for taking measurements that need to be highly accurate. They are operated using softkeys with interactive function fields on the display, thus enabling flexible and convenient menu navigation. Important GLP characteristics, such as date/time and sensor/sample IDs, are stored for each measurement and — if required — appear on all printouts.

## Comparison of functions within the SevenGo<sup>™</sup> family

|              |                 | SevenGo™         |                        |                        |             | SevenGo pro™                   |     |                              |                          |
|--------------|-----------------|------------------|------------------------|------------------------|-------------|--------------------------------|-----|------------------------------|--------------------------|
|              |                 | SG2              | SG3                    | SG23                   | SG6         | SG7                            | SG8 | SG68                         | SG78                     |
| pH           | Measuring range | 0.00 to<br>14.00 |                        | 0.00 to<br>14.00       | -           | -                              | -   | -2.000 to 20.00              | 0                        |
|              | Accuracy        | +/-0.01          |                        | +/-0.01                | -           | -                              |     | +/-0.002                     |                          |
| Conductivity | Measuring range | -                | 0.1 µS/cm to 500 mS/cm | 0.1 µS/cm to 500 mS/cm | -           | 0.01 µS/cm<br>to 1000<br>mS/cm | -   | -                            | 0.01 µS/cm to 1000 mS/cm |
|              | Accuracy        | -                | +/-0.5%                | +/-0.5%                | -           | +/-0.5%                        | -   | -                            | +/-0.5%                  |
| lon          | Measuring range | -                |                        | -                      | -           | -                              | -   | 1.00E <sup>-9</sup> to 9.99E | +9                       |
| Ion          | Accuracy        | -                |                        | -                      | -           | -                              |     | +/-0.5%                      |                          |
| 0            | Measuring range | -                | -                      | -                      | 0.0 to 600% | -                              | -   | 0.0 to 600%                  | -                        |
| Oxygen       | Accuracy        | -                | -                      | -                      | +/-0.5%     | -                              | -   | +/-0.5%                      | -                        |
| Dual-channel | measurement     | -                | -                      | •                      | -           | -                              | -   | •                            | •                        |

For a table with more information and the complete range of functions, see page 12; for the complete specifications, see pages 13 – 16.



#### Reliability and flexibility with SevenGo Duo pro™

The SG78 and SG68 SevenGo Duo pro™ instruments allow simultaneous determination and display of two electrochemical parameters with highest possible accuracy. They have the same comprehensive GLP functions as their SevenGo pro™ counterparts. In addition, the SevenGo Duo pro™ instruments have extra security functions, such as Intelligent Sensor Management (ISM®), PIN-protected device logon and PIN-protected system settings.

## Standard equipment for the SevenGo™ kit versions

|  | <b>B</b><br>Measuring | <b>ELK</b><br>Electrode kit | <b>FK2</b><br>1.8 m field kit | <b>FK5</b><br>5 m field kit | FK10<br>10 m field kit | <b>ASK</b><br>Assistant kit |
|--|-----------------------|-----------------------------|-------------------------------|-----------------------------|------------------------|-----------------------------|
|  | instrument only       |                             |                               |                             |                        |                             |
| Measuring instrument   | •                     | •                           | •                             | •                           | •                      | •                           |
| IP67 sensor with 1.8 m fixed cable and clip  |                       | •                           | •                             |                             |                        | •                           |
| IP67 sensor with 5 m fixed cable and clip  |                       |                             |                               | •                           |                        |                             |
| IP67 sensor with 10 m fixed cable and clip   |                       |                             |                               |                             | •                      |                             |
| Field Compact Case, 4 calibration bottles and calibration sachets (pH: 6 pcs; conductivity: 4 pcs) |                       |                             | •                             | •                           | •                      |                             |
| Compact Case, 4 calibration bottles and calibration sachets (pH: 6 pcs; conductivity: 4 pcs)       |                       |                             |                               |                             |                        | •                           |
| ErGo™ (field assistant)  |                       |                             |                               |                             |                        | •                           |

Always included in the standard equipment: Wrist strap, 4 AA batteries, operating instructions, test certificate, and declaration of conformity

# **SevenGo<sup>™</sup> and SevenGo Duo<sup>™</sup>** Ergonomic analysis

- Rapid and easy routine measurements in single- or dual-channel mode
- Determination of pH/mV and or conductivity/salinity/TDS/specific resistance
- Excellent ease of operation thanks to high contrast display with large characters
- Reproducible results owing to automatic end point recognition

#### SevenGo™ and SevenGo Duo™ – Working in the field becomes a pleasure

SevenGo™ and SevenGo Duo™ combine ease-of-use, quality, and reliable measurement functions. The instruments are designed in such way, that a single keystroke triggers a calibration run, a measurement or allows access of stored results or system settings.

#### At a glance

The large SevenGo™ display shows all relevant settings and highlights the most important items. You can read the measurement value and check the state of the electrode at a glance. On the SevenGo Duo™, the results of parallel measurements appear in alternating fashion on the display.

#### SevenGo™ electrode clip

The rotatable electrode clip can be attached on the left, right or on both sides of all instruments. It allows measurements to be taken with just one hand and is a convenient, space-saving way of storing electrodes.

#### An ergonomic masterpiece

SevenGo™ fits neatly into your hand, regardless of whether you are right- or left-handed. The size of the buttons reflects their importance. SevenGo™ is so easy to use you can really save time.



Field Compact Case

## Transport protection and workplace

The SevenGo™ cases for the field kit (FK) and assistant kit (ASK) provide lots of space for all important accessories such as cables and electrodes. Choose the case that suits your requirements.



**Field Compact Case (FK):** This case provides space for two electrodes with up to 10 m cable length.

**Compact Case (ASK):** This case provides safe storage for all required tools including the Ergo™.

Compact Case



#### **Rubber holster**

This practical cover provides optimum impact protection for the device. You can naturally still attach the electrode clip and change the batteries without needing to remove the protective rubber-elastic cover.

# Intelligent Sensor Management (ISM®)

ISM® provides the SevenGo Duo™ with a sophisticated new concept. It means that the user automatically works with the most up-to-date data for the sensor.



The most important METTLER TOLEDO functions, such as automatic end point recognition and automatic buffer recognition, are naturally also integrated into our routine devices to make operating our instruments as convenient as possible.



#### **IP67** Watertight and dustproof

The SevenGo™ family meets the requirements of IP67. This applies to the entire measurement system as well as to the meters themselves. This means that the instruments are equipped for the most adverse usage conditions.

#### What is IP67?

The IP (Ingress Protection) norm code consists of two digits: the 6 indicates that SevenGo™ is completely dustproof. The number 7 means that SevenGo™ is watertight for 30 minutes at a depth of 1 meter.

# **SevenGo pro**<sup>™</sup> The small difference

- Professional single-channel instruments with GLP excellence
- Determination of pH/mV/ion or conductivity/salinity/TDS/specific resistance or dissolved oxygen
- Large, backlit display with all relevant information
- Intuitive, user-friendly operation thanks to flexible softkeys

#### SevenGo $pro^{m}$ – Comprehensive professionalism

SevenGo pro<sup>™</sup> instruments are most suitable for users who rely on highest possible accuracy and reliability when taking single-channel measurements. All of the excellent functions in the single-channel meters are naturally also offered by the professional two-channel SevenGo Duo pro<sup>™</sup> instruments (see page 10).

## Freedom of communication thanks to infrared technology

The IR interface of the SevenGo pro™ and SevenGo Duo pro™ enables the wireless transmission of data to your laptop, printer and PC via an IR adapter. The IR window is hermetically welded to the housing and thus provides maximum protection against water and dust.



convenient as possible.





#### **Expert mode**

The expert decides! Make use of the entire range of functions to configure your instrument in the laboratory.

#### Routine mode

You can work with the SevenGo pro™ extremely quickly in this mode, since the calibration and initial settings are blocked, and settings for the measurement are fixed ready to select.

#### Illumination

You can switch on the bright backlight on the SevenGo pro™ and SevenGo Duo pro™ when required in order to facilitate your work in poor lighting conditions. You can program the switch-off interval individually to preserve battery power. Maximize your comfort!



#### **Barometric pressure**

The SG6 SevenGo pro™ and SG68 SevenGo Duo pro™ models for dissolved oxygen measure the air pressure using an integrated barometer. The instruments automatically compensate for any deviations in the air pressure, thus increasing the reproducibility of dissolved oxygen measurements accordingly.



#### Security has priority

Your security is in good hands with the SevenGo pro™ (SG6, SG7, SG8) and SevenGo Duo pro™ (SG78, SG68). These instruments have fantastic security features that are rarely found on other instruments:

#### Routine and expert mode

There are two operating modes: A routine mode and a PIN-protected expert mode. Functions that are not needed for routine measurements are blocked in the routine mode. This turns the instrument into a simple piece of working equipment and prevents instrument settings from being accidently changed.

#### **Calibration reminder**

This useful function reminds you that a calibration is due after a userdefined time interval. In addition, it is possible to block the SevenGo Duo pro™ from taking measurements once this period has expired until the due calibration has taken place.

#### **Electrode condition**

A self-explanatory symbol on the display tells you the current state of the electrode.

#### **GLP** support

On the SevenGo pro<sup>™</sup> the date/time and sensor and sample IDs are recorded for each measurement. You can also enter a user ID and sensor serial number when using the SevenGo Duo pro<sup>™</sup>.

# SevenGo Duo pro™

# The best among its class

- Professional measurements in both single- and dual-channel operation
- Determination of pH/mV/ion combined with conductivity/TDS/salinity/specific resistance and dissolved oxygen
- Intuitive, user-friendly operation thanks to 10-language menu
- Extra reliability due to comprehensive support for intelligent sensors (ISM®)

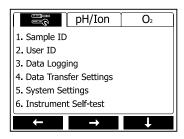
#### SevenGo Duo pro<sup>™</sup> – An extensive functional package

The SG68 and SG78 SevenGo Duo pro<sup>™</sup> instruments are easy to use, offer the highest possible accuracy and provide great functions and security features not found with other portable instruments. In addition to the security features for the SevenGo pro<sup>™</sup> family, the SevenGo Duo pro<sup>™</sup> instruments also have ISM<sup>®</sup>. This ensures that the correct and most up-to-date calibration of the connected sensor is always used for the measurement.

#### No more confusion

The user interface displays menu and system settings as well as all error messages and warnings in complete words and sentences. You even have a choice of 10 languages.









#### Even more convenience and security with SevenGo Duo pro™ (SG78, SG68)

SevenGo Duo pro<sup>™</sup> offers a range of great extra security features in addition to those provided by SevenGo Pro<sup>™</sup>:

#### **ISM®**

A sophisticated safety concept that leaves nothing to chance. The instrument automatically detects the connected sensor and uses the most up-to-date calibration data stored on the sensor chip. For more information on this revolutionary security function, see below.

#### **PIN** protection

The instrument offers separate PIN protection functions for operating the device, for accessing general system settings such as the date and time and for the deletion of data records.

#### **Monitoring limit values**

You can define your own limit values. If the actual values fall below or exceed the limit values, a warning appears on the display and on the GLP printout.

#### Acoustic signal

You can also activate an acoustic signal to announce the appearance of warnings on the display, the pressing of a button and that a stable end-point has been reached.

#### Intelligent Sensor Management (ISM®)

**Current calibration:** Following the connection of the ISM® sensor, the calibration data of the sensor is transferred to the SevenGo Duo $^{\text{m}}$  or SevenGo Duo pro $^{\text{m}}$  and is used automatically for the subsequent measurement (SG23, SG68, SG78).

**Storage of Calibration Data:** After calibrating an ISM® sensor, the calibration data is automatically transferred from the SevenGo Duo™ or SevenGo Duo pro™ to the sensor and is stored on the data chip of the sensor (SG23, SG68, SG78).

**Sensor ID:** Following the connection of the ISM® sensor, the sensor ID is automatically transferred to the SevenGo Duo pro™ and appears on the display (SG68, SG78).

**Factory calibration:** The electrode certificate with the factory calibration of an ISM® sensor can be viewed in the SevenGo Duo pro™ and transferred to a printer or PC (SG68, SG78).

**5 calibration data records:** The last 5 calibration data records are stored in the ISM® sensor and can be viewed at any time in the SevenGo Duo pro™, printed out or transferred to a PC (SG68, SG78).

**Temperature:** The maximum temperature to which an ISM® sensor is exposed during a measurement is automatically monitored and can be viewed in the SevenGo Duo pro™ at any time (SG68, SG78).

**DO membrane:** When you replace a DO membrane you can use the SevenGo Duo pro<sup>™</sup> to store the date of replacement in the ISM® DO sensor and call up this date later on (SG68).



# **SevenGo<sup>™</sup> in 8 models** Numerous functions and specifications

|              |   | Seve | venGo <sup>™</sup> models SevenGo pro |      | Go pro™ | ™ models |     |      |          |
|--------------|---|------|---------------------------------------|------|---------|----------|-----|------|----------|
|              | Overview of functions and equipment                 | SG2  | SG3                                   | SG23 | SG6     | SG7      | SG8 | SG68 | SG78     |
|              | Calibration points                                  | 3    |                                       | 3    |         |          | 5   | 5    | 5        |
|              | Predefined pH buffer groups                         | 4    |                                       | 4    |         |          | 6   | 7    | 7        |
|              | User-defined pH buffer group                        | •    |                                       | •    |         |          | •   | •    | •        |
| _            | Automatic pH buffer recognition                     | •    |                                       | •    |         |          | •   | •    | •        |
| pH/lon       | Linear calibration mode                             | •    |                                       | •    |         |          | •   | •    | •        |
| 늅            | Segmented calibration mode                          |      |                                       |      |         |          | •   | •    | •        |
|              | Choice of number of digits                          |      |                                       |      |         |          | •   | •    | •        |
|              | Choice of ion unit (mg/L, mmol/L, mol/L, %, ppm)    |      |                                       |      |         |          | •   | •    | •        |
|              | Choice of stability criteria (strict, normal, fast) |      |                                       |      |         |          |     | •    | •        |
|              | Calibration points                                  |      | 1                                     | 1    |         | 1        |     |      | 1        |
|              | Predefined conductivity standard                    |      | 3                                     | 3    |         | 3        |     |      | 5        |
| vity         | User-defined conductivity standard                  |      |                                       |      |         | •        |     |      | •        |
| Conductivity | Manual cell constant entry                          |      | •                                     | •    |         | •        |     |      | •        |
| buc          | Linear temperature compensation                     |      | •                                     | •    |         | •        |     |      | •        |
| ŏ            | Non-linear temperature compensation                 |      |                                       |      |         | •        |     |      | •        |
|              | Choice of reference temperature (20 °C, 25 °C)      |      | •                                     | •    |         | •        |     |      | •        |
|              | Calibration points                                  |      |                                       |      | 2       |          |     | 2    |          |
| e            | Predefined oxygen standards                         |      |                                       |      | 1       |          |     | 1    |          |
| Oxygen       | Choice of pressure unit (mbar, hPa, Torr, Atm)      |      |                                       |      | •       |          |     | •    |          |
| 0            | Automatic/manual pressure compensation              |      |                                       |      | •       |          |     | •    |          |
|              | Automatic and manual end point recording            | •    | •                                     |      | •       | •        | •   | •    | •        |
| Ē            | Time-dependent end point recording                  |      |                                       |      | •       | •        | •   | •    | •        |
| e e          | Serial measurements in user-defined time interval   |      |                                       |      | •       | •        | •   | •    | •        |
| Sur          | Automatic storage of measurements                   |      |                                       |      | •       | •        | •   | •    | •        |
| Measurement  | Manual storage of measurements                      | •    | •                                     | •    | •       | •        | •   | •    | •        |
| _            | ATC/MTC   | •    | •                                     | •    | •       | •        | •   | •    | •        |
|              | Intelligent Sensor Management (ISM®)                |      |                                       | •    |         |          |     | •    | •        |
|              | Time and date                                       |      |                                       |      | •       | •        | •   | •    |          |
|              | Routine/expert mode                                 |      |                                       |      | •       | •        | •   | •    | •        |
|              | GLP data storage                                    | 30   | 30                                    | 99   | 200     | 200      | 200 | 500  | 500      |
|              | Calibration data storage                            | •    | •                                     | •    | •       | •        | •   | •    | •        |
| ₹            | Calibration reminder                                |      |                                       |      | •       | •        | •   | •    | •        |
| Safety       | Sensor ID   |      |                                       |      | •       | •        | •   | •    | •        |
| 0,           | Sensor SN   |      |                                       |      |         |          |     | •    | •        |
|              | Sample ID   |      |                                       |      | •       | •        | •   | •    | •        |
|              | User ID   |      |                                       |      |         |          |     | •    | •        |
|              | User-defined alarm limits                           |      |                                       |      |         |          |     | •    | •        |
|              | PIN protection                                      |      |                                       |      |         |          |     | •    | •        |
|              | Dual-channel measurement                            |      |                                       |      |         |          |     | •    | •        |
|              | Dual-channel display                                |      |                                       |      |         |          |     | •    | •        |
|              | Backlit display                                     |      |                                       |      | •       | •        | •   | •    | •        |
|              | Infrared interface                                  |      |                                       |      | •       | •        | •   | •    | •        |
|              | Softkey menu navigation                             |      |                                       |      | •       | •        | •   | •    | •        |
| Ϊ            | Multilingual interface (10 languages)               |      |                                       |      |         | -        | _   | •    | •        |
| Security     | Alphanumeric entry                                  |      |                                       |      |         |          |     | •    | •        |
| Š            | Acoustic signal                                     |      |                                       | •    |         |          |     | •    | •        |
|              | Extensive filter functions                          |      |                                       |      |         |          |     | •    | •        |
|              | LabX® direct pH software (compatibility)            |      |                                       |      | •       | •        | •   | •    |          |
|              | Instrument self-test                                | •    | •                                     |      | •       | •        | •   | •    | -        |
|              |   |      |                                       |      |         |          |     |      |          |
|              | Watertight and dustproof (IP67)                     | •    | •                                     |      | •       | •        | •   | •    | $\vdash$ |

### SevenGo<sup>™</sup> pH – SG2

#### pH Meter (IP67) routine use

- Single-channel instrument for pH or mV measurements
- Automatic end point and buffer recognition and temperature compensation
- 3-point calibration with predefined or user-defined buffers
- Data storage for 30 GLP data records

| SevenGo™ SG2   | Measuring range               | Resolution                                      | Accuracy |  |  |  |
|--|-------------------------------|---|----------|--|--|--|
| рН   | 0.00 to 14.00                 | 0.01  | ±0.01    |  |  |  |
| mV   | -1999 to 1999                 | 1   | ±1       |  |  |  |
| Temperature  | -5.0 to 105 °C                | 0.1 °C  | ±0.5 °C  |  |  |  |
| Sensor inputs  | BNC (10 <sup>12</sup> Ω); NTC | BNC (10 <sup>12</sup> Ω); NTC 30 KΩ (both IP67) |          |  |  |  |
| Outputs  |                               |   |          |  |  |  |
| Power supply   | 4 1.5 V AA batteries          | 4 1.5 V AA batteries or 1.3 V NiMH accumulators |          |  |  |  |
| Operating conditions                                   | 0 to 40 °C, 5 to 85           | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)  |          |  |  |  |
| Size/weight 220 x 90 x 45 mm/325 g (without batteries) |                               |   |          |  |  |  |

| Order info | Description and sensors                             | Order No. |
|------------|---|-----------|
| SG2-B      | Instrument only                                     | 51302521  |
| SG2-ELK    | Electrode kit with InLab®413 SG (IP67, 1.8 m cable) | 51302522  |
| SG2-FK     | Field kit with InLab®413 SG (IP67, 1.8 m cable)     | 51302523  |
| SG2-ASK    | Assistant kit with InLab®413 SG (IP67, 1.8 m cable) | 51302525  |

#### SevenGo<sup>™</sup> – SG3 Conductivity meter (IP67) for everyday use

- Single-channel instrument for measuring conductivity, TDS (Total Dissolved Solids), salinity, and specific resistance
- Predefined conductivity standards: 84 µS/cm, 1413 µS/cm or 12.88 mS/cm
- Linear temperature compensation
- Data storage for 30 GLP data records

| SevenGo™ SG3         | Measuring range                                | Resolution      | Accuracy  |  |  |
|----------------------|--|-----------------|-----------|--|--|
| Conductivity         | 0.01 µS/cm to 500 mS/cm                        | 0.01 to         | ±0.5%     |  |  |
| Temperature          | -5.0 to 105 °C                                 | 0.1 °C          | ±0.2 °C   |  |  |
| TDS                  | 0.01 mg/L to 300 g/L                           | 0.01 to 1       | ±0.5%     |  |  |
| Spec. resistance     | 0.00 to 100.0 MΩcm                             | 0.01 to 0.1     | ±0.5%     |  |  |
| Salinity             | 0.00 to 80.0 ppt                               | 0.01 to 0.1     | ±0.5%     |  |  |
| Sensor inputs        | LTW 7-pin (IP67)                               |                 |           |  |  |
| Outputs              |  |                 |           |  |  |
| Power supply         | 4 1.5 V AA batteries or                        | 1.3 V NiMH accu | imulators |  |  |
| Operating conditions | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.) |                 |           |  |  |
| Size/weight          | 220 x 90 x 45 mm/325 g (without batteries)     |                 |           |  |  |

| Order info | Description and sensors                          | Order No. |
|------------|--|-----------|
| SG3-ELK    | Electrode kit with InLab®738 (IP67, 1.8 m cable) | 51302531  |
| SG3-FK2    | Field kit with InLab®738 (IP67, 1.8 m cable)     | 51302532  |
| SG3-FK10   | Field kit with InLab®738 (IP67, 10 m cable)      | 51302533  |
| SG3-ASK    | Assistant kit with InLab®738 (IP67, 1.8 m cable) | 51302534  |

# SevenGo Duo<sup>™</sup> – SG23 pH/conductivity meter (IP67) for routine use

- Dual-channel instrument for determining pH, mV, conductivity, TDS (Total Dissolved Solids), salinity, and specific resistance
- 3-point pH calibration with predefined or user-defined buffers
- Intelligent Sensor Management
- Data storage for 99 GLP data records

For specifications, see SG2 and SG3 (exception: Weight: 357 g without batteries).

| Order info | Description and sensors   | Order No. |
|------------|---|-----------|
| SG23-B     | Instrument only   | 51302600  |
| SG23-ELK   | Electrode kit with InLab® Expert Pro-ISM and InLab®738-ISM (both IP67, 1.8 m cable) | 51302601  |
| SG23-FK2   | Field kit with InLab® Expert Pro-ISM and InLab®738-ISM (both IP67, 2 m cable)       | 51302602  |
| SG23-FK5   | Field kit with InLab® Expert Pro-ISM and InLab®738-ISM (both IP67, 5 m cable)       | 51302603  |

#### SevenGo pro<sup>™</sup> – SG6 Professional dissolved oxygen instrument (IP67)

- Portable single-channel instrument for measuring dissolved oxygen
- Manual or automatic air pressure compensation using an integrated barometer
- High-performance DO sensor
- Data storage for 200 GLP data records with time/date, sensor ID, and sample ID
- Contact-free IR communication

| SevenGo pro™ SG6     | Measuring range                | Resolution                                      | Accuracy           |  |  |  |
|----------------------|--------------------------------|---|--------------------|--|--|--|
| Saturation           | 0.0 to 600%                    | 0.1 to 1  | ±0.5%              |  |  |  |
| Temperature          | 0.0 to 60.0 °C                 | 0.1 °C  | ±0.1 °C            |  |  |  |
| mg/L, ppm            | 0.00 to 99.00                  | 0.01  | ±0.5% max.<br>0.03 |  |  |  |
| Pressure             | 500 to 1100 mbar               | 1   | ±1                 |  |  |  |
| Sensor inputs        | BNC (>10 <sup>12</sup> Ω); NTC | 22 KΩ (both IP67)                               |                    |  |  |  |
| Outputs              | IR to printer or PC via        | RS232 or USB                                    |                    |  |  |  |
| Power supply         | 4 1.5 V AA batteries of        | 4 1.5 V AA batteries or 1.3 V NiMH accumulators |                    |  |  |  |
| Operating conditions | 0 to 40 °C, 5 to 85%           | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)  |                    |  |  |  |
| Size/weight          | 220 x 90 x 45 mm/3             | 325 g (without batter                           | ries)              |  |  |  |

| Order info | Description and sensors                         | Order No. |
|------------|---|-----------|
| SG6-ELK    | Electrode kit with InLab®605 (IP67, 1.8m cable) | 51302561  |
| SG6-FK2    | Field kit with InLab®605 (IP67, 1.8m cable)     | 51302562  |
| SG6-FK10   | Field kit with InLab®605 (IP67, 10m cable)      | 51302563  |
| SG6-ASK    | Assistant kit with InLab®605 (IP67, 1.8m cable) | 51302564  |

#### SevenGo pro<sup>™</sup> - SG7 **Professional conductivity meter** (IP67)

- Single-channel instrument for measuring conductivity, TDS (Total Dissolved Solids), salinity, and specific resistance
- Linear and non-linear temperature compensation
- Measurement of ultra-pure water as per USP/EP
- Data storage for 200 GLP data records with time/date, sensor ID, and sample ID
- Contact-free IR communication

| SevenGo pro™ SG7     | Measuring range                                 | Resolution          | Accuracy |  |  |
|----------------------|---|---------------------|----------|--|--|
| Conductivity         | 0.01 µS/cm to<br>1000 mS/cm                     | 0.01                | ±0.5%    |  |  |
| Temperature          | -5.0 to 105.0 °C                                | 0.1 °C              | ±0.1 °C  |  |  |
| TDS                  | 0.01 mg/L to 600 g/L                            | 0.01 to 1           | ±0.5%    |  |  |
| Specific resistance  | 0.00 to 100.00 MΩcm                             | 0.01 to 0.1         | ±0.5%    |  |  |
| Salinity             | 0.00 to 80.00 ppt                               | 0.01 to 0.1         | ±0.5%    |  |  |
| Sensor inputs        | LTW 7-pin (IP67)                                | ,                   |          |  |  |
| Outputs              | IR to printer or PC via RS2                     | 232 or USB          |          |  |  |
| Power supply         | 4 1.5 V AA batteries or 1.3 V NiMH accumulators |                     |          |  |  |
| Operating conditions | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)  |                     |          |  |  |
| Size/weight          | 220 x 90 x 45 mm/325 g                          | g (without batterie | S)       |  |  |

| Order info | Description and sensors                               | Order no. |
|------------|---|-----------|
| SG7-ELK    | Electrode kit with InLab®738 (IP67, 1.8m cable)       | 51302571  |
| SG7-FK2    | Field kit with InLab®738 (IP67, 1.8m cable)           | 51302572  |
| SG7-FK10   | Field kit with InLab®738 (IP67, 10m cable)            | 51302573  |
| SG7-ASK    | Assistant kit with InLab®738 (IP67, 1.8m cable)       | 51302574  |
| SG7-USP/EP | Like SG7-ELK, but with InLab®742 instead of InLab®738 | 51302575  |

## SevenGo pro<sup>™</sup> – SG8 pH/ion meter (IP67)

#### to meet the highest requirements

- Single-channel instrument for the determination of pH, mV, rel. mV, and ion concentration
- 5-point calibration with a choice of 6 predefined and one user-defined buffer group
- Choice of segmented or linear calibration
- Data storage for 200 GLP data records with time/date, sensor ID, and sample ID
- Contact-free IR communication

| SevenGo pro™ SG8     | Measuring range                                    | Resolution          | Accuracy |  |  |
|----------------------|--|---------------------|----------|--|--|
| pH                   | -2.000 to 19.999                                   | 000 to 19.999 0.001 |          |  |  |
| mV (rel. mV)         | -1999 to 1999                                      | -1999 to 1999 0.1   |          |  |  |
| Temperature          | -5.0 to 130.0 °C (ATC)<br>-30.0 to 130.0 °C (MTC)  | 0.1 °C              | ±0.2 °C  |  |  |
| Sensor inputs        | BNC (>10 <sup>12</sup> Ohm); NTC 30 KΩ (both IP67) |                     |          |  |  |
| Outputs              | IR to printer or PC via RS232 or USB               |                     |          |  |  |
| Power supply         | 4 1.5 V AA batteries or 1.3 V NiMH accumulators    |                     |          |  |  |
| Operating conditions | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)     |                     |          |  |  |
| Size/weight          | 220 x 90 x 45 mm/325 g (without batteries)         |                     |          |  |  |

| Order info | Description and sensors                            | Order no. |
|------------|--|-----------|
| SG8-B      | Instrument only                                    | 51302581  |
| SG8-ELK    | Electrode kit with InLab®413 SG (IP67, 1.8m cable) | 51302582  |
| SG8-FK     | Field kit with InLab®413 SG (IP67, 1.8m cable)     | 51302583  |
| SG8-ASK    | Assistant kit with InLab®413 SG (IP67, 1.8m cable) | 51302584  |

# SevenGo Duo pro<sup>™</sup> – SG68 pH/ion/oxygen meter (IP67) to meet the highest requirements

- Portable dual-channel instrument for the determination of pH, mV, rel. mV, ion concentration, and dissolved oxygen
- 5-point pH calibration with a choice of 7 predefined and one user-defined buffer set
- Data storage for 500 GLP data records with time/date, sensor ID and SN, and user and sample IDs
- Contact-free IR communication
- Intelligent Sensor Management (ISM®)

| SevenGo Duo pro™ SG68               | Measuring range  | Resolution                                       | Accuracy           |  |  |  |
|-------------------------------------|--|--|--------------------|--|--|--|
| рН                                  | -2.000 to 19.999   | -2.000 to 19.999 0.001                           |                    |  |  |  |
| mV (rel. mV)                        | -1999 to 1999  | 0.1  | ±0.1               |  |  |  |
| lons (units)<br>mg/L, mmd/ L, mol/L | 0.000 to 999.9%<br>0.000 to 9999 ppm<br>1.00E <sup>-9</sup> to 9.99E <sup>-9</sup> | 0.000 to 9999 ppm                                |                    |  |  |  |
| Temperature                         | -5.0 to 130.0 °C (ATC)<br>-30.0 to 130.0 °C<br>(MTC)                               | 0.1 °C   | ±0.2 °C            |  |  |  |
| Saturation                          | 0.0 to 600%  | 0.1 to 1   | ±0.5%              |  |  |  |
| Temperature                         | 0.0 to 60.0 °C   | 0.1 °C   | ±0.1 °C            |  |  |  |
| Oxygen (mg/L, ppm)                  | 0.00 to 99.00  | 0.01   | ±0.5% max.<br>0.03 |  |  |  |
| Pressure                            | 500 to 1100 mbar   | 1  | ±1                 |  |  |  |
| pH sensor inputs                    | BNC (>10 <sup>12</sup> Ohm); NTC   | 30 KΩ (both IP                                   | 67)                |  |  |  |
| DO sensor inputs                    | BNC (>10 <sup>12</sup> Ω); NTC 22  | BNC (>10 <sup>12</sup> Ω); NTC 22 KΩ (both IP67) |                    |  |  |  |
| Outputs                             | IR to printer or PC via RS232 or USB   |  |                    |  |  |  |
| Power supply                        | 4 1.5 V AA batteries or 1.3 V NiMH accumulators                                    |  |                    |  |  |  |
| Operating conditions                | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)                                     |  |                    |  |  |  |
| Size/weight                         | 220 x 90 x 45 mm/368   | g (without bat                                   | teries)            |  |  |  |

| Order info | Description and sensors  | Order No. |
|------------|--|-----------|
| SG68-B     | Instrument only  | 51302610  |
| SG68-ELK   | Electrode kit with InLab® Expert Pro-ISM and InLab®605-ISM (both IP67, 1.8m cable) | 51302611  |
| SG68-FK2   | Field kit with InLab® Expert Pro-ISM and InLab®605-ISM (both IP67, 1.8m cable)     | 51302612  |
| SG68-FK5   | Field kit with InLab® Expert Pro-ISM and InLab®605-ISM (both IP67, 5 m cable)      | 51302613  |

# SevenGo Duo pro<sup>™</sup> – SG78 pH/ion/conductivity meter (IP67) to meet the highest requirements

- Portable dual-channel instrument for the determination of pH, mV, rel. mV, ion concentration, conductivity TDS (Total Dissolved Solids), salinity, and specific resistance
- 5-point pH calibration with a choice of 7 predefined and one user-defined buffer group
- Data storage for 500 GLP data records with time/date, sensor ID and SN, and user and sample IDs
- Contact-free IR communication
- Intelligent Sensor Management (ISM®)

| SevenGo Duo pro™ SG68     | Measuring range                                 | Resolution      | Accuracy |  |  |
|---------------------------|---|-----------------|----------|--|--|
| рН                        | -2.000 to 19.999 0.001                          |                 | ±0.002   |  |  |
| mV (rel. mV)              | -1999 to 1999                                   | 0.1             | ±0.1     |  |  |
| lons                      |   |                 |          |  |  |
| Conductivity              | 0.01 µS/cm to 1000<br>mS/cm                     | 0.01            | ±0.5%    |  |  |
| TDS                       | 0.01 mg/L to 600 g/L                            | 0.01 to 1       | ±0.5%    |  |  |
| Specific resistance       | 0.00 to 100.00 MΩcm                             |                 |          |  |  |
| Salinity                  | 0.00 to 80.00 ppt                               |                 |          |  |  |
| Temperature               | -5.0 to 130.0 °C (ATC)                          |                 | ±0.2 °C  |  |  |
| pH sensor inputs          | BNC (>10 <sup>12</sup> Ohm); NTC 3              | BO KΩ (both IP  | 67)      |  |  |
| Conductivity sensor input | LTW 7-pin (IP67)                                |                 |          |  |  |
| Outputs                   | IR to printer or PC via RS232 or USB            |                 |          |  |  |
| Power supply              | 4 1.5 V AA batteries or 1.3 V NiMH accumulators |                 |          |  |  |
| Operating conditions      | 0 to 40 °C, 5 to 85% rel. humidity (non-cond.)  |                 |          |  |  |
| Size/weight               | 220 x 90 x 45 mm/325                            | g (without batt | eries)   |  |  |

| Order info  | Description and sensors   | Order No. |
|-------------|---|-----------|
| SG78-B      | Instrument only   | 51302620  |
| SG78-ELK    | Electrode kit with InLab® Expert Pro-ISM and InLab®738 (both IP67, 1.8 m cable)                             | 51302621  |
| SG78-FK2    | Field kit with InLab®Expert Pro-ISM and InLab®738 (both IP67, 1.8m cable)                                   | 51302622  |
| SG78-FK5    | Field kit with InLab®Expert Pro-ISM and InLab®738 (both IP67, 5 m cable)                                    | 51302623  |
| SG78-USP/EP | Like SG78-ELK but with different sensors: Inlab® Pure<br>Pro-ISM, 2m ISM-electrode cable and Inlab® 742-ISM | 51302625  |

# SevenGo<sup>™</sup> sensors

# The right sensor for each application

- Robust IP67 sensors for pH, conductivity and oxygen applications
- Sensors with integrated chip for Intelligent Sensor Management (ISM®)
- Integrated temperature sensor for automatic temperature compensation (ATC)
- Easy to clean, low-maintenance, long lifetime

#### Four tried and tested sensors

The SevenGo<sup>™</sup> instruments in their kit versions are fitted with high-performance electrodes. All four sensors combine robustness with state-of-the-art measurement technology and they have been tried and tested in numerous applications.



|                         |               | р                            | Н                  | Conductivity     |                    |                  | Dissolved oxygen   |            |                     |
|-------------------------|---------------|------------------------------|--------------------|------------------|--------------------|------------------|--------------------|------------|---------------------|
| InLab®                  |               | Expert<br>Pro-ISM            | 413 SG             | 738-ISM          | 738                | 742-ISM          | 742                | 605-ISM    | 605                 |
|                         | 1.8 m cable   | 51344102                     | 51340288           | 51344110         | 51344120           | 51344116         | 51344126           | 51343611   | 51340291            |
| Order<br>number         | 5 m cable     | 51344103                     | 51340297           | 51344112         | 51344122           | 51344118         | 51344128           | 51343612   | 51343298            |
| iluilibei               | 10 m cable    | 51344104                     | 51340289           | 51344114         | 51344124           |                  |                    | 51343613   | 51340292            |
| Measurin                | g range       | 0 to                         | 14 pH              | 0.01 to 10       | 000 mS/cm          | 0.001 to 8       | 500 μS/cm          | 0 to 200%, | 0 to 20 mg/L        |
| Temperat                | ure range     | 0 to 1                       | 00 °C              | 0 to 1           | 00 °C              | 0 to 1           | 00 °C              | 0 to 6     | 0°0                 |
| Temperat                | ure probe     | NTC :                        | 30 kΩ              | NTC              | 30 kΩ              | NTC :            | 30 kΩ              | NTC 2      | 22 kΩ               |
| Type of m               | embrane       | ı                            | J                  |                  |                    |                  |                    |            |                     |
| Membran<br>(25 °C)      | e resistance  | <25                          | Ο ΜΩ               |                  |                    |                  |                    |            |                     |
| Membran<br>cell type    | e type/       | Open co                      | nnection           | 4-pin (          | graphite           | 4-pin            | steel              |            |                     |
| Reference<br>electrolyt | •             |                              | ™/XEROLYT®<br>/mer |                  |                    |                  |                    |            |                     |
| Nominal                 | cell constant |                              |                    | 0.57             | ′ cm <sup>-1</sup> | 0.10             | 5 cm <sup>-1</sup> |            |                     |
| Shaft mat               | terial        | PE                           | PEEK               |                  | оху                | V4A              | steel              | PI         | PS                  |
| Shaft leng              | gth           | 120                          | mm                 | 120              | mm                 | 120              | mm                 | 120        | mm                  |
| Shaft dia               | meter         | 12                           | mm                 | 12               | mm                 | 12 mm            |                    | 12         | mm                  |
| Storage                 |               | FRISCO                       | )LYT-B®            | D                | iry                | Dry              |                    | D          | ry                  |
| IP67                    |               | Y                            | es                 | Υ                | es                 | Y                | es                 | Ye         | es                  |
| Connection              | ons           | Fixed cable: BNC/RCA (cinch) |                    | Fixed cable: LTW |                    | Fixed cable: LTW |                    |            | cable:<br>A (cinch) |

#### High-quality sensors with excellent properties

#### InLab® 413 SG & InLab® Expert Pro-ISM pH sensors

- Low-maintenance XEROLYT® polymer electrolyte with two open reference connections
- Robust, chemical-resistant PEEK shaft
- Long-lasting ARGENTHAL™ reference system

#### InLab® 742 conductivity sensor

- Robust 2-pin steel cell for low conductivity values
- Precise measurements up to 0.001 µS/cm
- Maximum linearity

#### InLab® 738 conductivity sensor

- Conductivity cell for medium and high conductivity values
- Minimal sample carryover
- 4-pin graphite cell with maximal linearity

#### InLab® 605 oxygen sensor

- Oxygen sensor based on precise process analytics
- Replaceable DO membrane
- Robust, chemical-resistant PPS shaft

#### Other great sensors with and without ISM®

METTLER TOLEDO supplies pH electrodes for all possible applications. The most important electrodes are also available with ISM®. Naturally, all other InLab® sensors in our diverse range can also be connected to SevenGo™ instruments. The complete METTLER TOLEDO portfolio is documented in a separate brochure with the order number 51724331.



| InLab®                         | Science Pro   | Routine Pro                | Power Pro    | Pure Pro                   | Solids Pro           | Micro Pro                  |
|--------------------------------|---|----------------------------|--------------|----------------------------|----------------------|----------------------------|
| Order number with ISM          | 51344072  | 51344055                   | 51344211     | 51344172                   | 51344155             | 51344163                   |
| Order number without ISM       | 51343071  | 51343054                   | 51343111     | 51343171                   | 51343154             | 51343162                   |
| pH range                       | 0 to 12   | 0 to 14                    | 0 to 12      | 1 to 11                    | 1 to 11              | 0 to 14                    |
| Temperature range              | 0 to 100 °C   | 0 to 100 °C                | 0 to 100 ℃   | 0 to 80 °C                 | 0 to 80 °C           | 0 to 100 °C                |
| Temperature probe              | NTC 30 kΩ   | NTC 30 kΩ                  | NTC 30 kΩ    | NTC 30 kΩ                  | NTC 30 kΩ            | NTC 30 kΩ                  |
| Type of membrane glass         | A41   | HA                         | A41          | LoT                        | LoT                  | U                          |
| Membrane resistance<br>(25 °C) | <600 MΩcm   | <600 MΩcm                  | <600 MΩcm    | <50 MΩcm                   | <250 MΩcm            | <300 MΩcm                  |
| Diaphragm type                 | Moving, ground glass  | Ceramic                    | Ceramic      | Fixed, ground<br>glass     | Open connection      | Ceramic                    |
| Reference system               | ARGENTHAL™<br>with Ag+trap  | ARGENTHAL™<br>with Ag⁺trap | SteadyForce™ | ARGENTHAL™<br>with Ag⁺trap | ARGENTHAL™           | ARGENTHAL™<br>with Ag⁺trap |
| Reference<br>electrolyte       | 3 mol/L KCI   | 3 mol/L KCl                | DPA gel      | 3 mol/L KCl                | XEROLYT®PLUS polymer | 3 mol/L KCl                |
| Shaft material                 | Glass   | Glass                      | Glass        | Glass                      | Glass                | Glass                      |
| Shaft length                   | 170 mm  | 120 mm                     | 170 mm       | 170 mm                     | 25 mm                | 130 mm                     |
| Shaft diameter                 | 12 mm   | 12 mm                      | 12 mm        | 12 mm                      | 6 mm                 | 12 mm                      |
| Storage                        | 3 mol/L KCI   | 3 mol/L KCI                | 3 mol/L KCI  | 3 mol/L KCI                | FRISCOLYT-B®         | 3 mol/L KCl                |
| IP67                           | No  | No                         | No           | No                         | No                   | No                         |
| Electrode cables               | With ISM®, 513444291 (2 m) or 51344292 (5 m) electrode cables must be used; without ISM®, 52300009 (1.2 m) or 51340290 (2.5 m) electrode cables must be used. |                            |              |                            | •                    |                            |

# **Accessories and service**

# The finishing touches

#### 

Boast the strength of your instruments. By selecting accessories from the list below you can have a tailor made solution for your most frequent applications.



| Solutions  | Order No. |
|--|-----------|
| pH 4.01 buffer solution in side-sealed sachet, 30 x 20 mL                | 51302069  |
| pH 7.00 buffer solution in side-sealed sachet, $30 \times 20 \text{ mL}$ | 51302047  |
| pH 9.21 buffer solution in side-sealed sachet, 30 x 20 mL                | 51302070  |
| pH 10.01 buffer solution in side-sealed sachet, 30 x 20mL                | 51302079  |
| Rainbow I (3 x 10 sachets of 20 mL, 4.01/7.00/9.21)                      | 51302068  |
| Rainbow II (3 x 10 sachets of 20 mL, 4.01/7.00/10.01)                    | 51302080  |
| pH 2.00 buffer solution, colorless, 6 x 250 mL                           | 51319010  |
| pH 4.01 buffer solution, red, 6 x 250 mL                                 | 51340058  |
| pH 7.00 buffer solution, green, 6 x 250 mL                               | 51340060  |
| pH 9.21 buffer solution, blue, 6 x 250 mL                                | 51300194  |
| pH 10.01 buffer solution, colorless, 6 x 250 mL                          | 51340231  |
| pH 11.00 buffer solution, colorless, 6 x 250 mL                          | 51319018  |
| $1413~\mu S/cm$ standard conductivity solution, $30~x~20~mL$             | 51302049  |
| 12.88 mS/cm standard conductivity solution, $30 \times 20 \text{ mL}$    | 51302050  |
| 10 $\mu\text{S/cm}$ standard conductivity solution, 250 mL               | 51300169  |
| 84 μS/cm standard conductivity solution, 250 mL                          | 51302153  |
| 500 μS/cm standard conductivity solution, 250 mL                         | 51300170  |
| 1413 µS/cm standard conductivity solution, 250 mL                        | 51300138  |
| 12.88 mS/cm standard conductivity solution, 250 mL                       | 51300139  |

| General accessories                        | Order no. |
|--|-----------|
| Plastic sample bottle (50 mL)              | 51300240  |
| Guide to pH measurement                    | 51300058  |
| Guide to conductivity and dissolved oxygen | 51724715  |
| Guide to ion-selective measurements        | 51300201  |
| RS-P25 printer                             | 11124300  |
| RS-P26 printer                             | 11124303  |
| RS-P28 printer                             | 11124304  |



#### Accessories for SevenGo™

| Accessories for SevenGo™                      | Order no. |
|---|-----------|
| Communication (for models SG6, SG7, SG8, SG68 | , SG78)   |
| Infrared USB adapter                          | 51302332  |
| Infrared RS232 adapter                        | 51302333  |
| LabX® direct pH PC software                   | 51302876  |
| ErGo™ accessories                             | •         |
| ErGo™ field assistant                         | 51302320  |
| ErGo™ electrode tube                          | 51302323  |
| ErGo™ adapter                                 | 51302337  |
| Other accessories                             | ·         |
| SevenGo™ clip                                 | 51302325  |
| SevenGo™ 2-electrode clip                     | 51302319  |
| SevenGo™ rubber holster                       | 51302322  |
| Wrist strap                                   | 51302331  |
| Neck strap                                    | 51302321  |
| SevenGo™ cap (blue)                           | 51302324  |
| Rubber pads (2)                               | 51302335  |
| Clip cover                                    | 51302327  |
| Battery lid                                   | 51302328  |
| SevenGo™ sealing kit                          | 51302336  |
| Field electrode arm                           | 51302334  |
| SevenGo™ compact case (empty)                 | 51302380  |
| SevenGo™ field compact case (empty)           | 51302359  |

# ServiceXXL



# Seven service — so your instruments always measure accurately

Regular checks increase the accuracy of your instruments and extend the lifetime by many years. METTLER TOLEDO can provide all required services — tailored to your needs — for all Seven instruments. This ensures that your instrument continues to function reliably and without errors. All instruments are delivered with a signed factory certificate.

Choose from our wide range of services - we have a flexible solution for every need!

For more information on service, see www.mt.com/ServiceXXL



#### PC Software - LabX® direct pH

The user-friendly PC software archives your results quickly and reliably. It enables the easy transfer of data from SevenGo pro $^{\mathbb{T}}$  and SevenGo Duo pro $^{\mathbb{T}}$  to an open application such as MS Excel $^{\mathbb{Q}}$ . If required, the values can automatically be displayed graphically in the delivered MS Excel $^{\mathbb{Q}}$  templates.



#### ErGo™

The  $ErGo^{\infty}$  field assistant provides working and carrying convenience when working in the factory, the laboratory or in the field.  $ErGo^{\infty}$  can be adjusted freely and provides a range of usage possibilities and additional functions.

- 1) ErGo™ fits neatly into your hand making it safe and convenient.
- 2) pH electrodes can be stored wet in ErGo™, and are ready for use immediately with no need for wetting caps.
- 3) ErGo™ converts SevenGo™ into a mobile bench-top instrument.



#### Compatibility with digital sensors

The Ingold digital process sensors, such as InPro 3253i/SG, can be calibrated on the SevenGo Duo pro $^{\text{\tiny{MS}}}$  SG78 and SG68 outside the process equipment. Thanks to ISM $^{\text{\tiny{MS}}}$  these sensors can then be placed into operation in the process equipment without further calibration.

#### **METTLER TOLEDO and Seven**

Extra value for use in the field...

#### ...and for everyday lab-work

The METTLER TOLEDO Seven range provides models for use in the lab as well as portable models for use in the field and in factories. The SevenMulti™ and SevenEasy™ benchtop instruments are documented in a separate brochure with order number 51725133.



# ...with the corresponding sensors

METTLER TOLEDO combines 60 years of experience of INGOLD in the production of electrochemical sensors with the innovative electronics of the Seven series.

METTLER TOLEDO supplies complete systems for pH, conductivity, measurements and ion measurements:



- Professional Seven instrument series
- · Extensive collection of electrodes
- Useful accessories
- · All required services

The complete METTLER TOLEDO sensor portfolio is documented in a separate brochure with order number 51724332.

# METTLER TOLEDO Represented all over the world...

You can view the contact addresses of all METTLER TOLEDO representatives in various countries on the Internet at www.mt.com/contacts.

Alternatively, contact:

#### Mettler-Toledo AG

PO Box VI-400, CH-8606 Greifensee Tel. +41-44-944 22 11 Fax +41-44-944 31 70

#### Mettler-Toledo AG, Analytical

CH-8603 Schwerzenbach, Switzerland
Tel.: +41-44-806 77 11, Fax.: +41-44-806 73 50
Internet: www.mt.com
Subject to technical changes
© 11/2008 Mettler-Toledo AG
Printed in Switzerland, 51725122
Marketing pH Lab / MarCom Analytical

#### www.mt.com ...

For more information



**Quality certificate.** Development, production, and inspection as per ISO9001.



**Environmental Management System** as per ISO14001.



#### «European Conformity».

This mark indicates that our products meet EU auidelines.