



## FiveGo™ Portable Instruments

pH

mV / ORP

Conductivity

TDS

Dissolved Oxygen

## Simplify Your Mobile Lab

Quality Measurement for the Budget Minded

**METTLER TOLEDO**

# Keeping pH Measurements Simple Intuitive Solutions Wherever You Go

**Time is an ever more valuable asset. Thanks to the FiveGo™'s intuitive operation, robust design and extensive memory functions, you can maximize your time spent measuring instead of dealing with complex system and measurement setups.**

Ideally suited for mobile applications in the laboratory, at-line, or outdoors, the new FiveGo™ portable instruments provide high quality pH/mV, conductivity or dissolved oxygen measurements with the simple click of a button. The robust and waterproof design makes the FiveGo™ instruments the perfect companion to get reliable measurement data even in harsh conditions, all at a reasonable price.

## Intuitive Operation - Measurement Made Easy



Featuring a large, well-structured display for easy viewing, the instruments' intuitive button arrangement and simple menu ensure measurements can be performed in just a few clicks.

## Ergonomic Design - Comfortable Handling



Thanks to its ergonomic design, working with the FiveGo portables is a comfortable experience for both big and small hands. The foldable foot stand provides optimal viewing while situated on a lab bench.

## Waterproof - Ideal for Wet Conditions



The IP67 waterproof protection enables the FiveGo to withstand wet and demanding environments. With the compact carrying case FiveGo is the ideal partner for any outdoor measurement.



Food & Beverage



Environment



Agriculture



Industry



Academia

## The New FiveGo™ Series

pH, conductivity and DO measurements made easy, in the lab and on the go.

# A Look Inside

## Specified for Your Measurements

The well-priced pH/mV, conductivity and dissolved oxygen FiveGo portable meters are the perfect choice for a wide range of applications wherever you are.

### Technical Specifications

| Specifications      |                                         | FiveGo™ pH<br>F2                                                        | FiveGo™ Conductivity<br>F3                                                                                 | FiveGo™ DO<br>F4                                       |
|---------------------|-----------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| General measurement | Measuring range                         | 0.00...14.00 pH<br>-1999...1999 mV<br>(32 °F...212 °F)<br>0 °C...100 °C | 0.00 µS/cm...200 mS/cm<br>(conductivity)<br>0.01 mg/L...200 g/L (TDS)<br>(32 °F...212 °F)<br>0 °C...100 °C | 0.1...400 %<br>0.01...45.00 mg/L, ppm<br>0.0...50.0 °C |
|                     | Resolution                              | 0.01 pH<br>1 mV<br>0.1 °C                                               | Automatic range<br>0.1 °C                                                                                  | 0.1%<br>0.01 mg/L<br>0.01 ppm<br>0.1 °C                |
|                     | Accuracy                                | ± 0.01pH / ± 1mV / ± 0.5 °C                                             | ± 0.5% of the measured value<br>± 0.5 °C                                                                   | ± 1% / ± 1% / ± 1%<br>± 0.3 °C                         |
|                     | Automatic and manual endpoint recording | Yes                                                                     | Yes                                                                                                        | Yes                                                    |
|                     | Acoustic endpoint signal                | Yes                                                                     | Yes                                                                                                        | Yes                                                    |
|                     | Visual endpoint signal                  | Yes                                                                     | Yes                                                                                                        | Yes                                                    |
|                     | Temperature-compensation                | ATC and MTC                                                             | Linear: 0.00%/°C ...10.00%/°C,<br>reference temperature: 20and 25 °C                                       | ATC and MTC                                            |
|                     | Calibration                             | 3 points, 4 predefined buffer groups                                    | 1 point, 3 predefined standards                                                                            | 2 points, 100% and 0%                                  |
| Data storage        | Memory size                             | 200 measurements,<br>current calibration                                | 200 measurements,<br>current calibration                                                                   | 200 measurements,<br>current calibration               |
| Connectors          | Sensor inputs                           | BNC, Cinch                                                              | LTW 7-pin                                                                                                  | BNC, Cinch                                             |
|                     | IP protection                           | IP67                                                                    |                                                                                                            |                                                        |
| General             | Power supply                            | 4 X 1,5V AAA LRO3 or 4 X 1,2V AAA NiMH HRO3                             |                                                                                                            |                                                        |
|                     | Operating hours                         | >200 hrs                                                                |                                                                                                            |                                                        |
|                     | Display                                 | 3.1" segmented LCD                                                      |                                                                                                            |                                                        |
|                     | Housing                                 | ABS                                                                     |                                                                                                            |                                                        |
|                     | Size / Weight                           | 188 x 77 x 33 mm / 0.26 kg                                              |                                                                                                            |                                                        |





Food & Beverage



Academia



Agriculture



Industry



Environment

Optimally designed for mobile measurements in a wide range of workplaces, including Environment, Academia, Food and Beverage, Agriculture and Industry.



# A Complete Overview Solutions Suited for Your Needs

Different combinations of FiveGo portable meters, sensors and accessories are available. These kits are ideally suited for specific applications or samples.



## Kits Overview and Order Information

|                     | Meter                      | Kits        | Kits description                                      | Order Number | Ideally suited for                                                |
|---------------------|----------------------------|-------------|-------------------------------------------------------|--------------|-------------------------------------------------------------------|
| <b>pH/mV, ORP</b>   | FiveGo™ F2<br>pH/mV        | F2-Meter    | Meter only                                            | 30266946     | Applications that require a specific sensor not included in a kit |
|                     |                            | F2-Standard | Standard kit with LE438 IP67 sensor                   | 30266889     | Wide range of general aqueous samples                             |
|                     |                            | F2-Food     | Kit with LE427 IP67 sensor and carrying case          | 30266881     | Solid samples such as meat, fruit, cheese, and more               |
|                     |                            | F2-Field    | Kit with LE438 IP67 sensor and carrying case          | 30266882     | Same as F2-Standard, but especially for measurements on the go    |
| <b>Conductivity</b> | FiveGo™ F3<br>Conductivity | F3-Meter    | Meter only                                            | 30266883     | Applications that require a specific sensor not included in a kit |
|                     |                            | F3-Standard | Standard kit with LE703 IP67 sensor                   | 30266888     | Aqueous samples with mid to high conductivity                     |
|                     |                            | F3-Field    | Standard kit with LE703 IP67 sensor and carrying case | 30266887     | Same as F3-Standard, but especially for measurements on the go    |
| <b>DO</b>           | FiveGo™ F4<br>DO           | F4-Meter    | Meter only                                            | 30266884     | Sensor not included                                               |
|                     |                            | F4-Standard | Kit with LE621 IP67 sensor                            | 30266885     | All aqueous samples                                               |
|                     |                            | F4-Field    | Kit with LE621 IP67 sensor and carrying case          | 30266886     | Same as F4-Standard, but especially for measurements on the go    |

## Accessories for FiveGo™

| Description                                                           | Order Number |
|-----------------------------------------------------------------------|--------------|
| FiveGo™ carrying case (4 sample bottles included)                     | 30239142     |
| FiveGo™ sample bottles (set of 4 pieces)                              | 30239143     |
| FiveGo™ electrode clip (1 piece) and electrode clip covers (2 pieces) | 30239144     |
| FiveGo™ wrist strap                                                   | 30122304     |

## Sensors & Applications

|                                                                                     | Type       | Description                                                                                                                                                                                              | Plug/Connection                                                                                      | Order Number |
|-------------------------------------------------------------------------------------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------|
|    | LE438 IP67 | 3-in-1 plastic electrode with integrated temperature sensor for pH field use, samples with fluctuating temperatures; low-maintenance                                                                     | BNC/Cinch IP67    | 30247153     |
|    | LE407      | Robust plastic pH electrode with gel electrolyte, suitable for simple applications and easy samples such as water; low-maintenance                                                                       | BNC               | 51340330     |
|    | LE408      | Robust plastic pH electrode with liquid electrolyte, suitable for simple applications; refillable electrolyte                                                                                            | BNC               | 51340347     |
|    | LE409      | Glass pH electrode with liquid electrolyte for simple and rapid measurements in the laboratory, aqueous samples such as acids, bases etc.; refillable electrolyte                                        | BNC               | 51340331     |
|    | LE410      | 3-in-1 glass pH electrode with integrated temperature sensor and with liquid electrolyte for rapid measurements in the laboratory; for aqueous samples such as acids, bases etc.; refillable electrolyte | BNC/Cinch         | 51340348     |
|    | LE420      | Glass pH electrode with movable PTFE-sleeve junction for demanding, "dirty" samples such as waste water, emulsions (e.g. milk), oily samples; refillable electrolyte                                     | BNC               | 51340332     |
|  | LE422      | Micro pH electrode with gel electrolyte, suitable for small samples in vials and test tubes; low-maintenance; 4.3 mm diameter                                                                            | BNC             | 30089747     |
|  | LE427 IP67 | The spear tip design makes pH electrode ideal for solid samples such as meat, fruit, cheese, soil and many more; low-maintenance                                                                         | BNC IP67        | 30259840     |
|  | LE703 IP67 | Robust conductivity probe for medium to high conductivities with integrated temperature sensor (10 µS/cm...200 mS/cm)                                                                                    | LTW IP67        | 30266974     |
|  | LE621 IP67 | Galvanic dissolved oxygen sensor with integrated temperature sensor, robust and easy                                                                                                                     | BNC/Cinch IP67  | 30266975     |
|  | LE501      | Glass ORP electrode for lab use                                                                                                                                                                          | BNC             | 51340338     |
|  | LE510      | Robust plastic ORP electrode with platinum pin for field use, e.g. swimming pools                                                                                                                        | BNC             | 51340339     |
|  | NTC 30kOhm | Separate temperature sensor (for pH and DO meter)                                                                                                                                                        | Cinch           | 51300164     |



For more information and documents on the new FiveGo meters, kits, and accessories, visit:

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

# More Meters and Accessories



## FiveEasy™

Compact benchtop meters for easy and reliable pH or conductivity measurements:

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



## Buffers and Solutions

Learn more about our portfolio of certified buffers and solutions:

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



## Seven2Go™

Robust high quality portable meters for the measurement of pH, conductivity, ions and DO:

[www.mt.com/Seven2Go](http://www.mt.com/Seven2Go)

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

For more information

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