

# Portable pH Meter Pro2Go

**Robust and user-friendly for a wide range of applications and industries**

## Technical Data



### Short description

For periodic pH or redox measurements, a mobile meter is the ideal choice. Designed for laboratory and industrial applications, Pro2Go™'s intuitive menu ensures out-of-the-box operation and provides fast quality data. One-handed operation and great durability in addition to high measurement confidence it also tells you when a sensor will need calibrated or replaced.

Pro2Go is compatible with both analog and digital ISM® sensors. Its ISM features include Plug and Measure for error-free setup, and display of sensor diagnostics including DLI (Dynamic Lifetime Indicator), ACT (Adaptive Calibration Timer) and TTM (Time to Maintenance).

The meter's IP67 certified protection and rugged design mean Pro2Go is able to withstand harsh and demanding environments.

### Features

- Measurement parameter pH/ORP and temperature
- Supports analog as well as digital ISM sensors
- Calibration in the field possible: 1-point or 2-point
- Data storage of 2 000 measurement points
- Simple and intuitive menus that speed up the setup for measurements and calibration
- Sensor Diagnostics, incl. DLI, ACT and TTM
- Rubber hose for additional protection of the instrument
- IP67 rating
- T-pad hard keys for comfortable, one-handed operation
- Battery powered or external power via Micro USB interface
- Data analysis with EasyDirect pH PC software tool (in preparation)
- Micro USB interface for Data Transfer
- 10 languages: English, German, French, Italian, Spanish, Portuguese, Russian, Chinese, Korean and Japanese

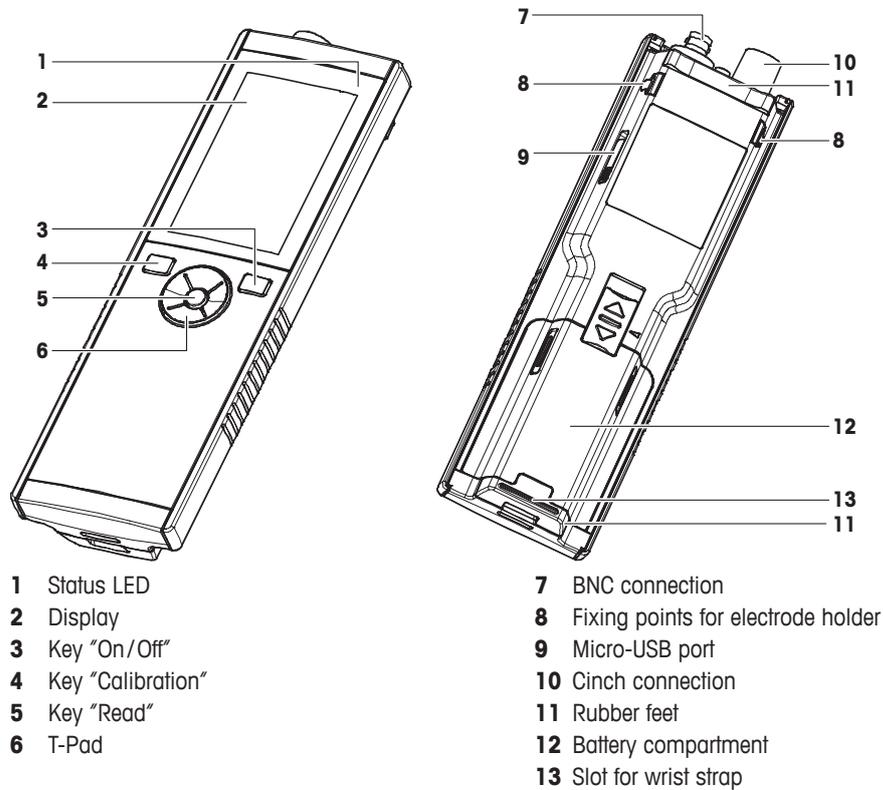


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**METTLER TOLEDO**

Design drawing



1 Status LED

2 Display

3 Key "On/Off"

4 Key "Calibration"

5 Key "Read"

6 T-Pad

7 BNC connection

8 Fixing points for electrode holder

9 Micro-USB port

10 Cinch connection

11 Rubber feet

12 Battery compartment

13 Slot for wrist strap

Specifications pH/ORP

Measurement parameters	pH, mV and temperature
Sensor type	Analog and ISM sensors
pH measuring range	-2.00 to + 20.00 pH
pH resolution	0.001 / 0.01 / 0.1 (selectable)
pH accuracy <sup>1)</sup>	Analog: ±0.002 pH
mV range	-2 000 to + 2 000 mV
mV resolution	0.1 / 1 mV (selectable)
mV accuracy <sup>1)</sup>	Analog: ±0.1 mV
Temperature input <sup>2)</sup>	NTC30K
Temperature measuring range	<ul style="list-style-type: none"> <li>• ATC: -5 to 130 °C (+23 to 266 °F)</li> <li>• MTC: -30 to 130 °C (-22 to 266 °F)</li> </ul>
Temperature resolution	0.1 °C
ATC/MTC	Yes
Predefined buffer groups	9 MT-9, MT-10, NIST Tech., NIST Standard, Hach, Ciba, Merck, WTW, JIS Z 8802
User-defined buffer groups	Yes
Automatic buffer recognition	Yes
Calibration	1-point (offset), 2-point (slope and offset)

1) ISM input signal causes no additional error.

2) Not required on ISM sensors

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**Electrical specifications**

Supply voltage batteries	4 × LR6/AA 1.5 V Alkaline or 4 × HR6/AA 1.2 V NiMH rechargeable
Battery life (standby)	200 to 250 hrs
Supply voltage (USB powered)	<ul style="list-style-type: none"> <li>• Connection: Micro-USB</li> <li>• Rating: 5 V DC, 100 mA</li> </ul>
Sensor connection	<ul style="list-style-type: none"> <li>• pH/mV: BNC</li> <li>• Reference electrode: 2 mm banana</li> <li>• Temperature: RCA cinch</li> </ul>
User interface	Graphic LC Display
Languages	10 (English, German, French, Italian, Spanish, Portuguese, Russian, Chinese, Korean and Japanese)
PC connection	Micro-USB for Data transfer and power
Memory size	2 000 datasets (GLP conform)

**Environmental specifications**

Ambient temperature operating range	0 to +40 °C (+32 to +104 °F)
Storage temperature	-20 to +60 °C (-4 to +140 °F)
Relative humidity	5 to 85 % non-condensing at +31 °C (+88 °F), linearly descending to 50 % at +40 °C (+104 °F)
Maximum operating altitude	2 000 m
EMC	According to EN 61326-1 (general requirements) Emission: Class B
Approvals	<ul style="list-style-type: none"> <li>• CAN/CSA-C22.2 No. 61010-1-12</li> <li>• UL Std. No. 61010-1 (3rd Edition)</li> </ul>
CE mark	The measuring system is in conformity with the statutory requirements of the EC Directives. METTLER TOLEDO confirms successful testing of the device by affixing to it the CE mark.

**Mechanical specifications**

Dimensions (Height × Width × Depth)	222 × 70 × 35 mm (8.74 × 2.76 × 1.38 inch)
Weight	0.29 kg (0.64 lb)
Material	<ul style="list-style-type: none"> <li>• Housing: ABS/PC reinforced</li> <li>• Window: Polymethylmethacrylate (PMMA)</li> </ul>
Enclosure rating	IP 67
Range of application	For indoor and outdoor use

**Ordering information**

<b>Pro2Go portable pH Meter</b>	<b>Order Number</b>
Pro2Go portable pH Meter including USB cable, sensor cable AK9-BNC/RCA for ISM sensors, rubber holster, wrist strap, CD with documentation and software, Declaration of conformity, Test certificate	30 386 271
<b>Accessories</b>	
Rubber holster	30 487 344
USB cable for PC connection	30 487 345
Power adapter for USB cable (to operate instrument without batteries)	30 487 346
Sensor cable AK9-BNC/RCA for ISM sensors	30 487 466
EasyDirect pH PC software	free download

For addresses of METTLER TOLEDO  
Market Organizations please go to:  
**[www.mt.com/pro-MOs](http://www.mt.com/pro-MOs)**

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Management System  
certified according to  
ISO 9001 / ISO 14001



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