Portable Meters

FEATURES

- 3.5 TFT color display, easy to read.
- Unique interface, easy operation.
- Intelligent function with Auto. timing data storage, parameter setting, data holder.
- Data storage: up to 3000 readings.
- Power supply: Rechargeable lithium battery/USB.
- Charging socket: Type-C, in line with the European new regulations.
- Protection class: IP57.

- Features of the PC software:
  Sample ID identification.
  User level management.
  Operation history record.
  Data print/export.
  Timing data storage.

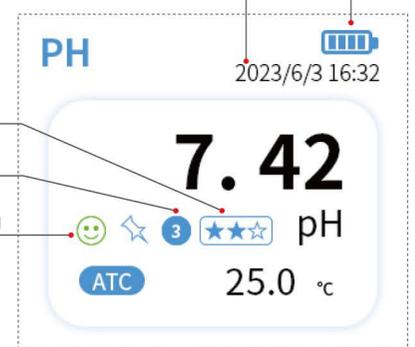Silicone protective plugs

TFT color display

Function icon

Non-slip design

Foldable-design, user-friendly

PH
2023/6/3 16:32

7.42
pH
3 ★★☆
ATC   25.0 ℃

Hold   Set
Save   View
Timer   Mode

FAITHFUL

CAL

SET   Start Enter   ESC

USB Type-C port

Real-time clock   Power indication

PH
2023/6/3 16:32

7.42
pH
3 ★★☆
ATC   25.0 ℃

Calibrated points

Data lock

Measurement stabilized indication

Operation beep   Beep:
Backlight brightness   Brightness: 100%
Auto shut down   Shutdown: 9 min
Factory reset   Reset:

Portable Meters

Optical DO meter DOPRO10

DO

2023/6/3 16:32

0.00

mg/L

ATC   25.0 ℃

Hold   Set

Save   View

Timer   Mode

FAITHFUL

CAL

SET   Start Enter   ESC

FEATURES

Optical DO test:

• Fast response (shorter than 15s), high accuracy and repeatability.

• Fast and stable reading.

• No oxygen consumption.

• Maintenance-free:

  no minimum flow rate request.

  not sensitive to hydrogen sulfide.

  no membranes, no electrolyte.

  no warm up, minimize hassle.

The robust POM housing and stainless-steel protective guard ensure durability when measuring in tough environments.

PH10

ORP10

EC10 &
Multi-parameter

DO10 (Polarographic DO)
DOPRO10 (Optical DO)

SPECIFICATIONS

			single parameter					multi-parameter				
Model			PH10	ORP10	EC10	DO10	DOPRO10	PC10	PD10	CD10	PO10	PCD10
Parameter		pH/mV.°C	✓	-	-	-	-	✓	✓	-	✓	✓
		mV(ORP).°C	✓	✓	-	-	-	✓	✓	-	✓	✓
		Cond/TDS/Sal/Res.°C	-	-	✓	-	-	✓	-	✓	-	✓
		DO.°C	-	-	-	✓	✓	-	✓	✓	-	✓
pH	Measurement range	(-2.000 - 20.000)pH	✓	-	-	-	-	✓	✓	-	✓	✓
	Resolution	0.1/0.01/0.001	✓	-	-	-	-	✓	✓	-	✓	✓
	Accuracy	±0.002pH ± one digit	✓	-	-	-	-	✓	✓	-	✓	✓
	Calibration points	1-3 pts auto	✓	-	-	-	-	✓	✓	-	✓	✓
	ATC range	0 - 100°C(32 - 212°F)	✓	-	-	-	-	✓	✓	-	✓	✓
ORP	Measurement range	(-1999.9 - +1999.9)mV	✓	✓	-	-	-	✓	✓	-	✓	✓
	Resolution	0.1/1	✓	✓	-	-	-	✓	✓	-	✓	✓
	Accuracy	±0.03%F.S ± one digit	✓	✓	-	-	-	✓	✓	-	✓	✓
Conductivity	Measurement range	0 - 2000.0mS/cm, Auto divided by range. Match test range: 0 - 200mS/cm. TDS: 0 - 100.0g/L(Factor adjustable). Resistivity: 5.000Ω·cm - 100.0MΩ·cm. Salinity: (0.00 - 100.00)ppt	-	-	✓	-	-	✓	-	✓	-	✓
	Calibration points	One point	-	-	✓	-	-	✓	-	✓	-	✓
	Resolution	0.001	-	-	✓	-	-	✓	-	✓	-	✓
	ATC range	(0.0 - 50.0)°C/(32.0 - 122.0)°F	-	-	✓	-	-	✓	-	✓	-	✓
	Accuracy	±0.5% F.S ± one digit	-	-	✓	-	-	✓	-	✓	-	✓
DO	Measurement range	(0.00 - 20.00)mg/L	-	-	-	✓	✓	-	✓	✓	-	✓
	Accuracy	±0.30 mg/L	-	-	-	✓	±0.20mg/L	-	✓	✓	-	✓
	DO saturation	(0.0 - 200.0)%	-	-	-	✓	✓	-	✓	✓	-	✓
	Barometric pressure compensation	(0 - 200.0) kPa Automatic	-	-	-	✓	✓	-	✓	✓	-	✓
	Temperature compensation	(0.0 - 50.0)°C/(32.0 - 122.0)°F Automatic	-	-	-	✓	✓	-	✓	✓	-	✓
	Salinity compensation	0 - 45ppt Manual	-	-	-	✓	✓	-	✓	✓	-	✓
Temperature	Measurement range	(-10.0 - 135.0)°C/(14.0 - 275.0)°F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Accuracy	±0.2°C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Others	Data export/Charging socket	Type-C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Power supply	Rechargeable battery/USB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	IP Rating	IP57	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Test kit	Meter		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Plastic ATC pH probe 201T-H		✓	-	-	-	-	✓	✓	-	✓	✓
	Plastic ORP probe ORP301		-	✓	-	-	-	-	-	-	✓	-
	Stainless-steel temperature probe TEMP-02H		-	✓	-	-	-	-	-	-	✓	-
	Plastic ATC Cond probe CON201T, K=1.0		-	-	✓	-	-	✓	-	✓	-	✓
	Polarographic DO probe DO01-2M-H, cable length: 2m		-	-	-	✓	-	-	✓	✓	-	✓
	Optical DO probe ODO01-3M, cable length: 3m		-	-	-	-	✓	-	-	-	-	-
	pH buffer solution: pH4.00/7.00/10.01, 50mL, one for each		✓	-	-	-	-	✓	✓	-	✓	✓
	Standard ORP solution: 222mV, 50mL,1btl		-	✓	-	-	-	-	-	-	✓	-
	Standard Cond solution 84μS/1413μS/12.88mS/cm, 50mL, one for each		-	-	✓	-	-	✓	-	✓	-	✓
	DO Membrane refill solution DOS-01, 30mL,1btl		-	-	-	✓	-	-	✓	✓	-	✓
	DO Membrane sensor caps DOSC: 3pcs/group, 1pkg		-	-	-	✓	-	-	✓	✓	-	✓
	Rechargeable lithium battery (pre-installed)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Data export/Charging cable: 1pc		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Hard carrying case (L/W/H: 33.0×27.2×8.2cm):		✓	✓	✓	✓	✓	-	-	-	-	-
	Hard carrying case (L/W/H: 36.0×32.0×9.0cm):		-	-	-	-	-	✓	✓	✓	✓	✓