

labForce®

M1000 METER

pH/mV/Cond/ISE/DO Benchtop Meter

SPECIFICATIONS:

- Accuracy: ± 0.01 pH, Range: -2.00-19.99 pH, ATC, Auto Calibration with automatic buffer recognition. Uses advanced digital filtering technology for improved response time and accuracy.
- 3 measurement modes: stable measurement display mode, timing measuring mode, and continuous measuring mode.
- GLP standard data management, 300 data sets of storage, manual/auto timing storage, RS232 data output.
- High purified water and ammonia added purified water pH measuring modes available.
- Includes a EH redox potential measuring mode.
- Uses advanced and original conductivity measurement technology; the conductivity electrode (K=1) can measure between $0.5\mu\text{S}/\text{cm}$ - $200\text{mS}/\text{cm}$ by using only one-point calibration.
- Switch between 4 kinds of concentration unit : pX, mol/L, mg/L and ppm.
- Use the pre-programmed measuring mode, available for 10 common ions, or define your own for other ions.
- Automatic buffer recognition for 8 kinds of conductivity standards.
- DO electrode uses automatic temperature compensation and automatic salinity compensation as well as automatic air pressure compensation.
- The polarogram type DO electrode uses a special electrode calibration cap for faster electrode polarization (3 to 5 minutes). The electrode uses a combination diaphragm cap. Each DO electrode comes with three spare diaphragms caps.
- 2-Year Warranty



The labForce© M1000 Benchtop pH/mV/Conductivity/ISE/DO Meter features automatic calibration, automatic temperature compensation, data storage, timing measurement, clock display, RS-232 output, function setting and self-diagnose. It has three measuring modes for your specific measuring needs: stable measurement display mode, timing measuring mode, and continuous measuring mode.

The DO electrode is capable of automatic temperature compensation and automatic salinity compensation as well as automatic air pressure compensation inside meter to make DO measuring mode has temperature, air pressure and salinity automatic compensation, easy to use, accurate to measure.

The polarogram type DO electrode has a special electrode calibration cap. It only needs 3 to 5 minutes for electrode polarization. The electrode uses combination diaphragm cap which very convenient to use, and each DO electrode is equipped with three spare diaphragms caps.



The labForce© M1000 can automatically recognize 13 kinds of pH buffer solution and 8 kinds of conductivity standard solution. User can choose anyone from four series of standard buffer solutions: Europe & USA series, NIST series, and Self-defined buffers. Includes an EH redox potential measuring mode that can directly display ORP value. It is capable of measuring 10 different common ions in the ion concentration measuring mode, user also can self-define other ions.

With advanced and original conductivity measurement technology, the M1000 Meter model can meet measuring accuracy requirements simply by using only one-point calibration.

Switch between 4 kinds of concentration unit : pX, mol/L, mg/L and ppm.

The M1000 Meter meets the requirement of international GLP standards.

It has a rugged design, with a large LCD with blue backlit, and all connectors are protected by silicone caps, making it IP54 waterproof and dustproof.

TS-M1000

Includes M1000 benchtop pH/
mV/ISE/Conductivity/DO Meter,
Flexible Electrode Holder, ATC-
01 ATC probe, REF-01 Reference
Electrode, DO-01 DO Electrode,
power adapter, RS232 cable,
software disk, manual

catalog num. 1147H73



TS-M1001

Includes M1000 benchtop pH/
mV/ISE/Conductivity/DO Meter,
Flexible Electrode Holder, PHE-02
pH Electrode, ATC-01 ATC probe,
REF-01 Reference Electrode,
DO-01 DO Electrode, CC-01
Conductivity Electrode, power
adapter, RS232 cable, software
disk, manual

catalog num. 1147H74

