PRODUCT DATA SHEET

AMTAST

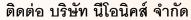
EC900 Portable Multiparameter Meter





EC900 Feature:

- Built-in microprocessor chips, intelligent functions such as automatic calibration, automatic temperature compensation, data storage, function set-up, self-diagnose information, automatic power-off and low voltage display.
- Multi-parameter meter, equipped with pH electrode, ORP electrode, conductivity electrode and dissolved oxygen electrode, automatic identification of electrode by meter.
- Automatic identification of 13 pH standard calibration solutions, three options of standard buffer solutions: Europe and America series, NIST series and China series.
- Able to set pH measurement modes of high purity water and pure water with ammonia.
- Automatic identification of 8 conductivity standard calibration solutions, two options of standard calibration solutions: Europe and America series and China series.
- Adopt advanced conductivity measurement technology, use conductivity electrode of constant K=1, only need one point calibration and meet the measurement precision requirement of $0.5\mu S/cm \sim 200 \text{ mS/cm}$.
- Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full scale.
- Conductivity measurement mode has the function of non-linear temperature compensation for high purity water.
- Measurement mode of Dissolved oxygen has the function of automatic temperature compensation, automatic salinity compensation and manual air pressure compensation.
- New polarographic type dissolved oxygen electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special dissolved oxygen electode calibration set, polarization only for 3~5 min.
- Meter meets IP57 waterproof rating, equipped with calibration solution and portable case.



27/85 ถนนสามวา แขวงมีนบุรี เขตมีนบุรี กรุงเทพ 10510

Tel: 061-8268939, 098-3852385 E-mail: sale@neonics.co.th และ sale@tools.in.th



PRODUCT DATA SHEET

AMTAST

EC900 Portable Multiparameter Meter

EC900 Specification:

$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$
PH
PH Input current $\leq 2 \times 10 - 12 \text{ A}$ Input impendance $\geq 1 \times 1012 \Omega$ Stability $\pm 0.01 \text{ pH/3h}$ Temp. compensation range $(0 \sim 100) ^{\circ}\text{C(automatic)}$ Measuring range (mV/ORP/EH) $-1999 \text{mV} \sim 0 \sim 1999 \text{mV}$ Resolution 1mV Accuracy $0 \text{Meter:} \pm 0.1\% \text{FS, Overall:} \pm 15 \text{mV}$ Measuring range $0 \text{Conductivity:} (0.00 \sim 19.99) \mu \text{S/cm}$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
Stability Temp. compensation range (0 ~ 100) °C(automatic) Measuring range (mV/ORP/EH) -1999mV ~ 0 ~ 1999mV Resolution Accuracy Meter:±0.1% FS, Overall:±15mV Measuring range Conductivity: (0.00~19.99) μS/cm (
Temp. compensation range $ (0 \sim 100) \text{ °C(automatic)} $ $ \text{Measuring range (mV/ORP/EH)} \qquad -1999\text{mV} \sim 0 \sim 1999\text{mV} $ $ \text{Resolution} \qquad \qquad 1\text{mV} $ $ \text{Accuracy} \qquad \qquad \text{Meter:\pm 0.1\% FS, Overall: \pm 15\text{mV}} $ $ \text{Measuring range} \qquad \qquad \text{Conductivity: } (0.00 \sim 19.99) \mu\text{S/cm} ($
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
ORP Resolution 1mV Accuracy Meter:±0.1% FS, Overall:±15mV Measuring range Conductivity: (0.00~19.99) μS/cm (
Accuracy Meter:±0.1% FS, Overall:±15mV Measuring range Conductivity: (0.00~19.99) μS/cm (
Measuring range Conductivity: (0.00~19.99) μS/cm (
2.00~19.99) mS/cm (20.0~199.9) mS/cr TDS: (0~100) g/L Salinity: (0~100) Resistivity: (0~100) MO·cm
Conductivity Resolution 0.01/0.1/1μS/cm 0.01/0.1 mS/cm
Accuracy Meter:±1.0% FS, Overall:±1.5% FS
Temp. compensation range (0 ~ 50) °C(manual)
Electrode constant 0.1 / 1 / 10 cm-1
Benchmark temperature 25°C 、20°C and 18°C
Measuring range (0 ~ 40.00) mg/L(ppm) (0 ~ 200.0) %
Resolution 0.1/0.01 mg/L(ppm) 1/0.1 %
Accuracy Meter:±0.10 mg/L, Overall:±0.40 mg/L
Response time ≤30 s (25°C, 90%response)
Residual current ≤0.1 mg/L
Dissolved Oxygen Temp. compensation range (0 ~ 45) °C(automatic)
Salinity compensation range (0 ~ 45) ppt(automatic)
Atmospheric pressure compensation range (66 ~ 200) kPa (manual)
Automatic calibration Air saturated by water; water saturated by a
Electrode type Polarogram type
Data storage 200 groups
Storage content Series number, measuring value measuring and temperature,
Other Technical Power Two AA batteries (1.5V x2)
Parameters
Quality and safety certification ISO9001:2000, CE and CMC
Environment temperature 5 ~ 35 °C (0.01grade)
Working Condition Environmental humidity ≤85%
IP rating IP57 Dustproof and waterproof

ติดต่อ บริษัท นีโอนิคส์ จำกัด

27/85 ถนนสามวา แขวงมีนบุรี เขตมีนบุรี กรุงเทพ 10510

Tel: 061-8268939, 098-3852385 E-mail: sale@neonics.co.th และ sale@tools.in.th



