

pH 302 Bench Top pH/mV/°C Meter with Built-in Printer



This meter incorporates all the basic standard features as well as satisfying the ever increasing need of documenting and recording the test results. In order

to do this in a simple and yet accurate way, the meter has been equipped with a built-in dot matrix printer and a powerful software that provides 9 programs to help you with all your documentation requirements. The meter can print at user selectable intervals, the sample #, the date and time of the measurement, the pH and temperature or the mV and temperature for a certain amount of time or up to a pre-selected pH or mV endpoint. Calibration procedures and instructions, pH electrode characteristics (offset and slope %) during calibration are also documented on paper. pH 302 also features an acoustic alarm that is activated when the upper or lower limits are reached (ideal for titration applications). The user can choose from among 6 languages. The data or the prompts can be printed in English, French, German, Italian, Spanish or Swedish.

This meter is supplied complete with glass-body combination AH 72-1962 pH electrode, temperature probe, 12 VDC adapter, pH 4.01, 7.01 and 10.01 buffer solutions, 20 ml each, and instruction manual.

- State-of-the-art bench top pH/mV/°C meter with built-in printer

Specifications

Range:

pH	0.00 to 14.00
mV	±399.9 (ISE); ±1999 (ORP)
°C	-9.9° to 120°

Resolution:

pH	0.01
mV	0.1 (ISE); 1 (ORP)
°C	0.1°

Accuracy at 20°C/68°F:

pH	±0.01
mV	±0.2 (ISE); ±1 (ORP)
°C	±0.5°

Typical EMC Deviation:

pH	±0.01
mV	±0.2 (ISE); ±1 (ORP)
°C	±0.5°

pH Calibration 1 or 2 points with 3 memorized buffers (pH 7.01, 4.01, 10.01)

Temperature Compensation Automatic or manual from -9.9° to 120°C (14° to 248°F)

Logging Interval From 1 min to 24 hrs

Input Impedance 10¹² Ω

Inputs BNC / Reference / ATC

Output Bi-directional RS232 opto-isolated

Electrode combination, glass body, refillable, BNC connector

Temperature Probe thermistor type with 1 m (3.3 ft) cable

Power Supply 12 VDC adapter (CSA, UL and CE approved)

Environment 0° to 50°C (32° to 122°F); 95% RH max

Dimensions, H x W x D 75 x 280 x 200 mm (3 x 11 x 7.9 in)

Weight 1.3 kg (2.9 lb), approx.

Catalog No.

Product

CGS 8608.78	Bench Top pH/mV/°C Meter with Built-in Printer
CGS 8609.78	Accessory Kit Electrode Holder, Windows® Compatible Software, PC Connection Cable, Rinsing, 5 x 20 ml Sachets, Storage, Cleaning and Electrolyte Solutions and a Refilling Pipette
CGS 8610.78	Combination Refillable pH Electrode
CGS 8611.78	Combination Platinum ORP Electrode
CGS 8612.78	Calibration Kit, pH 4 and 7, 20 ml, 5 pcs each
CGS 8613.78	Voltage Adapter, 110 VAC to 12 VDC
CGS 8614.78	Voltage Adapter, 220 VAC to 12 VDC
CGS 8615.78	Electrode Holder
CGS 8616.78	Temperature Probe
CGS 8617.78	10 Spare Paper Rolls
CGS 8618.78	1 Spare Ink Cartridge
CGS 8619.78	Windows® Compatible Software
CGS 8620.78	PC Connection Cable