

# OxyGuard Handy pH *Portable pH/redox Meter*

*Hand held pH or redox meter that is extremely easy to use!*



The OxyGuard Handy pH is a hand-held, pocket size pH or redox meter designed for use in demanding, wet environments. The meter itself and the electrode assembly are waterproof. This instrument does not suffer from the classical problems associated with pH meters - the Handy pH is sealed so that water cannot enter the top of the electrode or the electronics. You can drop it into the water without damaging it! In the Handy pH these advantages are combined with microprocessor technology to give an instrument that is exceptionally easy to use.

- **Large Display**
- **Automatic Calibration**
- **Choice of Language**
- **Choice of calibration precision**
- **Automatic self-check**
- **Automatic Probe Check**
- **Long battery life**

# Technical Information

## Technical Advantages

- Tried-and-tested construction uses standard buffer solutions available anywhere.
- Automatic calibration adjustment - just follow the instructions in the display!
- The calibration precision can be chosen to suit the buffers used.
- Fixed cable with waterproof cable glands - no connector problems.
- Electrode assembly with hermetically sealed preamplifier
  - no electrical noise problems
  - no moisture problems
- The electrode can be exchanged in a few seconds.
- Large, stable display.
- Warnings, messages and instructions shown on the display.
- 300 hours continuous operation from a standard 9V battery.
- Easy temperature compensation - just push a button.
- Comes complete with carrying pouch and 2 bottles of buffer solution.
- Also measures redox - just fit a redox electrode, select "Redox" and measure.

## Specifications

Operating Conditions:	Probe: 0 to 60°C, meter -20 to +60°C. Waterproof to max. 5m short-term.
Measuring Range:	pH: -1 to 15 pH. Redox: +/- 1500 mV
Cable length:	1.5 meters.
Accuracy:	Depends on calibration accuracy.
Repeatability:	Typically better than +/- 0.5%
Response Time:	To 90% in less than 10 sec.
Self-check of:	Probe, meter, cable, battery.
Useful battery life:	Approx. 300 hours.
Battery:	9V E-BLOCK; 6LR61; 6F22; MN1604 or equivalent.

## Ordering Information - Handy pH

H04PP:	Handy pH unit complete with pH electrode, pouch and standard accessories.
H04XEKIT:	pH buffer solution kit, holder, 2 x 250 ml buffer and 250 ml cleaning water in pouch.
H04XPEL:	Handy pH electrode
K10E4250:	250 ml pH4 buffer solution.
K10E7250:	250 ml pH7 buffer solution.

## Ordering Information - Handy Redox

H04RP:	Handy redox unit complete with redox/ORP probe, pouch and standard accessories.
H04XREL:	Handy redox/ORP electrode
K10RCH250:	250 ml redox check solution.

H01P Handy pH brochure gb 0806  
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