



Hanna Portable Waterproof pH and Temperature Meter



The meter is provided with a very rugged titanium bodied electrode with built in temperature sensor for temperature compensated pH and temperature readings. It also contains an integral pH sensor preamplifier to provide stable measurements in electrically noisy environments.

- Simultaneous pH and temperature measurements on a large dual line LCD display
- Automatic pH calibration at one or two points within two memorised buffer sets (standard or NIST)
- Selectable temperature unit (°C)
- Electrode condition indicator
- mV of pH measurement for electrode check
- HI-12963 dedicated pH with integral temperature sensor
- Probe quick connect system
- Battery life indication and low battery detection
- Keystroke confirmation tone
- Auto-off function
- Waterproof casing IP67
- Supplied with HI-12963 pH/temperature probe with titanium body and DIN connector with 1m cable, pH 4.01 & 7.01 buffer sachets, HI-700601 general electrode cleaning solution (2 sachets), 100mL beaker, batteries, rugged carrying case, calibration certificates for meter and probe, and instructions

| Specifications | |
|----------------------------|------------------------|
| Temperature Range, °C | -5.0 to 105.0 (±0.5) |
| Temperature Resolution, °C | 0.1 |
| pH Range | -2.00 to 16.00 (±0.02) |
| pH Resolution | 0.01 |
| mV Range, mV | ±825 |
| mV Resolution, mV | 1 |

| Code | Alt Ref | Dims, w x d x h, mm | Weight, g | Battery Life | Price |
|---------|-----------|---------------------|-----------|---------------------------------|---------|
| PHM4160 | HI-991001 | 63 x 30 x 154 | 196 | 3 x 1.5V AAA, approx 1400 hours | £420.00 |

Accessories

| Code | Alt Ref | Description | Price |
|---------|----------|----------------------------------|---------|
| PHE1146 | HI-12963 | Replacement pH/temperature probe | £192.00 |



Hanna Portable Waterproof pH, ORP and Temperature Meter



HI-991003 is a lightweight, durable, portable, pH/ORP and temperature meter for pH and ORP measurements encountered in recreational waters (swimming pools and spas), plating baths, water treatment, manufacturing and environmental testing applications.

- Simultaneous pH, ORP and temperature measurements on a large three line LCD display
- Automatic pH calibration at one or two points within two memorised buffer sets (standard or NIST)
- User friendly two button design
- Selectable temperature unit (°C)
- Electrode condition indicator
- mV of pH measurement for electrode check
- HI-12973 dedicated pH/ORP with integral temperature sensor
- Probe quick connect system