

pHep®

Pocket-sized pH Meter

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SPECIFICATIONS:

RANGE	0.0 to 14.0 pH
RESOLUTION	0.1 pH
ACCURACY (@ 20°C/68°F)	±0.1 pH
TYPICAL EMC DEVIATION	±0.2 pH
ENVIRONMENT	0 to 50°C (32 to 122°F); 95% RH
BATTERIES LIFE	3 x 1.4V alkaline approx. up to 700 hours of use
DIMENSIONS	150x30x24 mm (5.9x1.2x0.9")
WEIGHT	85 g (3 oz.)

ACCESSORIES:

HI 77700P	Calibration kit pH 7.01 (10 x 20 mL sachets)
HI 7007L	Buffer solution pH 7.01 (460 mL)
HI 7007M	Buffer solution pH 7.01 (230 mL)
HI 70300L	Storage solution (460mL)
HI 70300M	Storage solution (230mL)

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Visit our Internet Home Page:
<http://www.hannainst.com>

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ISO 9001
Certified Company

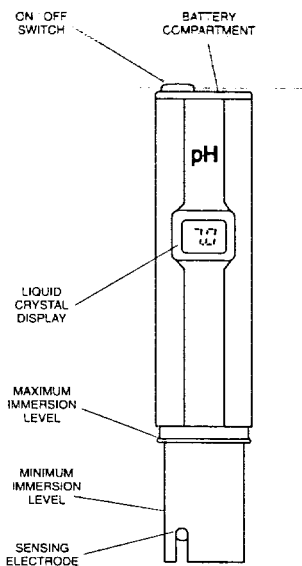
Authorized Dealer

Made in Portugal
Printed in Portugal

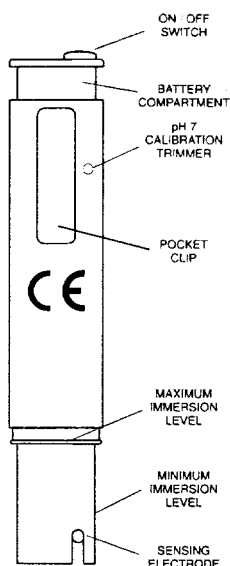
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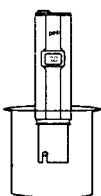
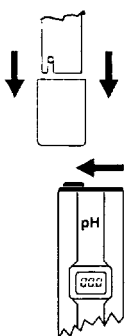
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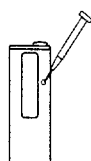
BACK

OPERATION:

- Do not be alarmed if white crystals appear around the cap. This is normal with pH electrodes and they dissolve when rinsed with water.
- Remove the protective cap and turn the pHep® on.
- Immerse it in the sample up to the maximum immersion level.
- Stir gently and wait until the display stabilizes.
- After use, rinse the electrode with water to minimize contamination.
- Store the electrode with a few drops of storage (HI70300) or pH 7 (HI 7007) solution in the protective cap.
- Always replace the protective cap after use.



- Allow the reading to stabilize and using a small screwdriver turn



the pH7 Calibration Trimmer to read 7.0.

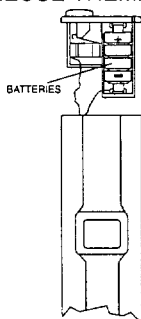
Calibration is now complete.

ALWAYS USE FRESH BUFFERS FOR CALIBRATION & NEVER REUSE THEM.

BATTERY

REPLACEMENT:

When the pHep® cannot be switched on or the display fades, pull out the battery compartment and replace all three 1.4V batteries, paying attention to their polarity.



Batteries should only be replaced in a non-hazardous area using the battery types specified in this instruction manual.

RECOMMENDATIONS FOR USERS:

Before using this product, make sure that it is entirely suitable for the environment in which it is used. Operation of this instrument in residential areas could cause unacceptable interferences to radio and TV equipment.

The glass bulb at the end of the pH electrode is sensitive to electrostatic discharges. Avoid touching this glass bulb at all times. During operation of instrument, ESD wrist straps should be worn to avoid possible damage to the pH electrode by electrostatic discharges. Any variation introduced by the user to the supplied equipment may degrade the instrument's EMC performance. To avoid electrical shock, do not use this instrument when voltages at the measurement surface exceed 24VAC or 60 VDC. To avoid damages or burns, do not perform any

DO NOT USE DISTILLED OR DEIONIZED WATER FOR STORAGE PURPOSES.

- Large differences in pH readings (± 0.5 pH) could be due to lack of calibration, dry electrode or run-down batteries.

CALIBRATION:

The calibration procedure is simple.

- Immerse the tester up to the maximum level in pH 7 buffer (HI7007).

