

pHep[®]1

pHep[®]2

pHep[®]3

Microprocessor pH Testers with IP67 Waterproof Housing

The new waterproof housings of the **pHep[®]** waterproof testers provide complete protection in outdoor applications, harsh industrial environments as well as accidental spills. These testers are ideal for swimming pools, fish farming, electroplating industry, printing, agriculture, waste water processing and many other applications where humidity and condensation would render litmus paper useless or ruin the circuitry of ordinary meters.

pHep[®]1- Standard waterproof model with manual two point calibration and accuracy of ± 0.1 pH

pHep[®]2- Manual two point calibration and Automatic Temperature Compensation, accuracy of ± 0.1 pH

pHep[®]3- The revolutionary **micropHep[®]3**. This "top-of-the-range" pHep[®] brings even more benefits to the user. The auto switch-off feature prolongs the life of the batteries, delivering up to 300 hours of use. The display indicates when a stable pH value has been reached, ensuring that only accurate readings are taken. Calibration is automatic and can be performed easily, even by nontechnical operators. Simply press the 'ON' button for 3 seconds, and the display prompts the user to submerge the tester into pH 7 buffer. After 20 seconds the display prompts immersion in the second buffer (4 or 10 pH). When that is completed, the meter is automatically calibrated and returns to operating mode.

Features include:

- Completely waterproof, can be fully immersed in water
- Easy-to-read LCD
- Positive push-button 'ON/OFF' switch
- 300 hours of battery life
- Automatic Temperature Compensation
- Rugged, integral pH electrode in protective housing
- Sealed protective cap can be filled with water to keep electrode activated and to prolong its life

Features of pHep[®]3 WATERPROOF include:

- Microprocessor based with error and self-diagnostic messages
- Last digit on display will flash until reading is stable
- Automatic calibration - just press 'ON' button, dip in pH buffer and unit is calibrated
- Auto shut-off after 10 minutes
- Low battery warning

SPECIFICATIONS

	pHep [®] 1	pHep [®] 2	pHep [®] 3
RANGE	0.0 to 14.0 pH	0.0 to 14.0 pH	0.0 to 14.0 pH
RESOLUTION	0.1 pH	0.1 pH	0.1 pH
ACCURACY (@20°C/68°F)	± 0.1 pH	± 0.1 pH	± 0.1 pH
TYPICAL EMC DEVIATION	± 0.1 pH	± 0.1 pH	± 0.1 pH
CALIBRATION	Manual 1 or 2 points	Manual 1 or 2 points	Automatic 1 or 2 points
TEMPERATURE COMPENSATION	NA	Automatic 0 to 50°C (32 to 122°F)	Automatic 0 to 50°C (32 to 122°F)
BATTERY TYPE / LIFE	3 x 1.4V 350 hours	3 x 1.4V 350 hours approx. continuous use	4 x 1.4V 300 hours
ENVIRONMENT		0 to 50°C (32 to 122°F); RH 100%	
DIMENSIONS		150 x 30 x 24 mm (5.9 x 1.2 x 0.9")	
WEIGHT		85 g (3 oz.)	

HOW TO ORDER

HI 98151 (pHep[®]1) is supplied complete with protective cap, 3 x 1.4V batteries and instructions

HI 98152 (pHep[®]2) is supplied complete with protective cap, 3 x 1.4V batteries and instructions

HI 98153 (pHep[®]3) is supplied complete with protective cap, 4 x 1.4V batteries and instructions

ACCESSORIES

HI 77400P Cal. kit (pH 4 & 7, 20 mL, 5 pcs each)

HI 77700P Calibration kit (pH 7, 10 x 20 mL)

HI 770710P Cal. kit (pH 7 & 10, 20 mL, 5 pcs each)

HI 7004M Buffer solution pH 4.01, 230 mL

HI 7007M Buffer solution pH 7.01, 230 mL

HI 7010M Buffer solution pH 10.01, 230 mL

HI 70300M Storage solution, 230 mL

HI 7061M Electrode cleaning solution, 230 mL

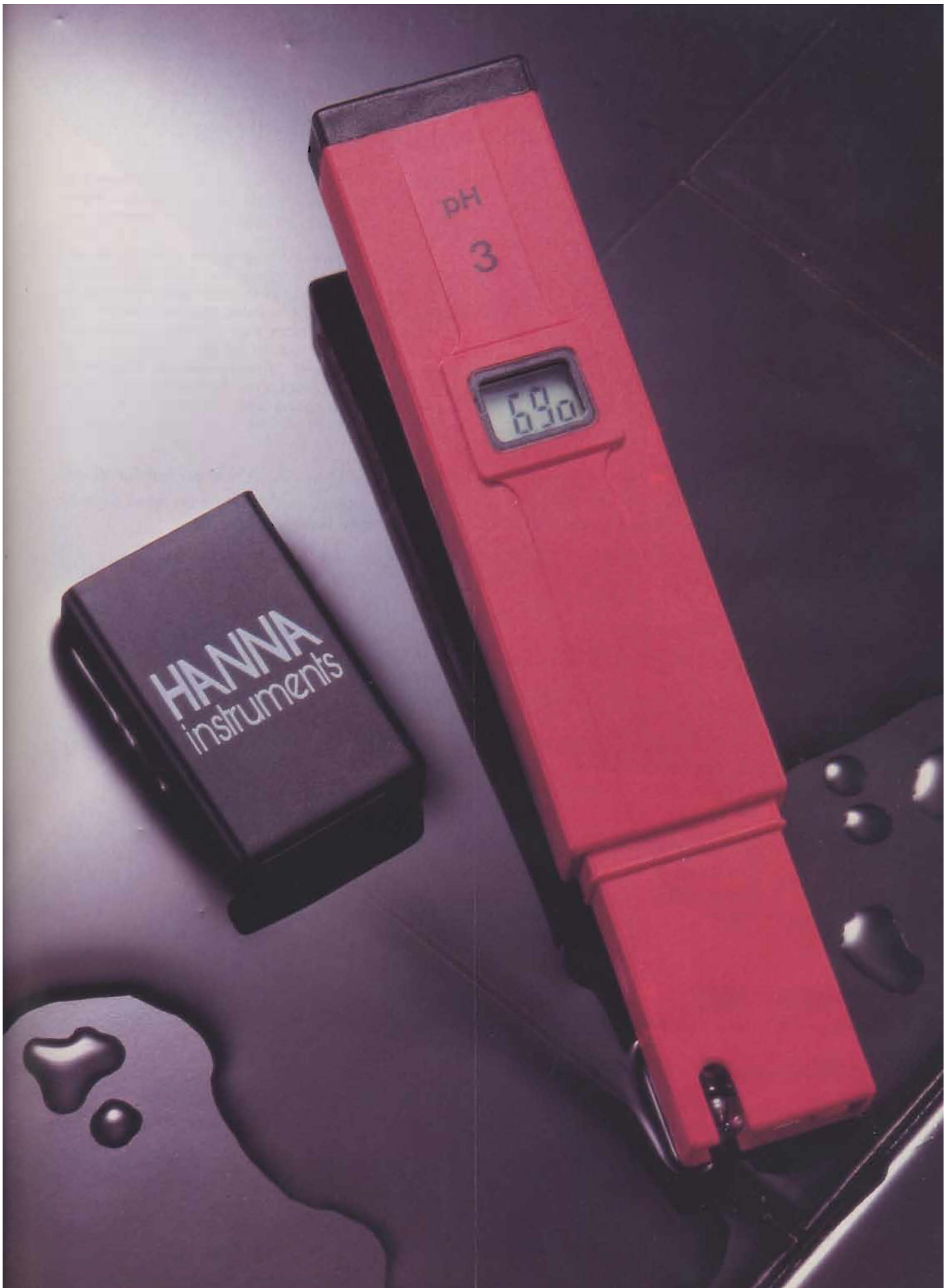
For a complete range of calibration and maintenance solutions see pages G5, G7, G9 and G12.

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