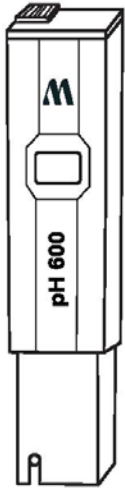


# Instruction Manual

## ▪ pH600 pH Tester



www.milwaukeetesters.com



### OPERATING:

- Do not be alarmed if white crystal appear around the cap. This is normal with pH electrodes and they dissolve when rinsed with water.
- Remove the protective cap and turn the **pH600** on. Immerse it into solution 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 solution (**MA9015**) or pH 7.01 buffer solution in the protective cap.
- Always replace the protective cap after use.

### **DO NOT USE DISTILLED OR DEIONIZED WATER FOR STORAGE PURPOSES**

- Large differences in pH readings ( $\pm 0.5$  pH) could be due to lack of calibration, dry electrode or rundown batteries.



### CALIBRATION:

The calibration procedure is very simple and fast.

- Immerse the tester up to the maximum level in pH 7 buffer (**M10007**).
- Allow the reading to stabilize and using a small screwdriver turn the pH 7 Calibration Trimmer placed on the back of the tester to read 7.0.



Calibration is now complete!

ALWAYS USE FRESH BUFFERS FOR CALIBRATION

### BATTERY REPLACEMENT:

When the **pH600** cannot be switched on or the display fades, pull out the battery compartment and replace all three 1,5V 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 area could cause unacceptable interferences to radio and TV equipments, requiring the operator to take all necessary steps to correct interferences.

The glass bub at the end of the pH electrode is sensitive to electrostatic discharge. 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 by electrostatic discharge. Any variation introduced by the user to the supplied equipment may degrade the instruments EMC performance. To avoid electrical shock, do not use this instrument when voltages at the measurement surface exceed 24 VAC or 60 VDC. To avoid damages or burns, do not perform any measurement in microwave ovens.

### SPECIFICATIONS:

RANGE	0.0 to 14.0 pH
RESOLUTION	0.1 pH
ACCURACY (@20°C)	$\pm 0.1$ pH
TYPICAL EMC DEVIATION	$\pm 0.2$ pH
ENVIRONMENT	0 to 50°C 95% RH
BATTERIES LIFE	3 x 1,5V alkaline approx. up to 700 hours of use
DIMENSIONS	150x30x24 mm
WEIGHT	85g



Alsóikikötő sor 11.  
H-6726 Szeged - HUNGARY  
Tel: +36 62 428 050  
Fax: +36 62 428 051  
sales@milwaukeeeinst.hu