

INTRODUCTION

The Metravi PH-700P Benchtop pH Meter is a portable microprocessor-based pH/temperature meter.

Handy buttons for the selection of the various functions, automatic correction of errors in measurement due to changes in temperature and the extreme simplicity of usage, all serve to enable rapid and reliable self-calibration and measurements.

The display on the front panel shows the temperature and pH readings taken by the instrument.

The Metravi PH-700P Benchtop pH Meter comes with a combined pH electrode and a temperature probe for the measurement and compensation of the temperature.



SPECIFICATIONS

- **pH Range:** 0.00-14.00 pH
- **Temperature Range:** 0° – 100°C
- **Resolution :**
 - pH: 0.01 pH
 - Temperature: 0.1°C
- **Accuracy :**
 - pH: ±0.02 pH
 - Temperature: ±0.50°C
- **Display :** LED (4 digits for pH, 3 digits for Temperature)
- **Automatic Temperature Compensation :** 0°C – 50°C
- **Power Supply :** AC Mains
- **Operating Temperature :** 0°C – 50°C
- **Self Calibration :** 2 points with auto buffer recognition

How to calibrate

1. Turn on the PH meter, clean the PH probe and temperature probe, and then wipe them dry

2. Prepare the 6.86 powder packet and put it in 25°C water, immerse the electrode in a buffer solution of pH 6.86, and then gently shake it until the reading is stable.



*Technical Specifications & Appearance are subject to change without prior notice