

## Basis 6177

### pH/mV/Temp Benchtop Meter



## Introduction

The Basis Series pH/mV/temperature benchtop meter contains the same ease-of-use and accurate readings of its popular predecessor, but is now in a streamlined form factor that is similar to that of the Stream Series.

## Features

Large, high contrast, backlit LCD displays pH/mV and temperature simultaneously

Simple calibration with automatic buffer recognition of US and European buffer sets

Calibration data is stored in memory and is ready for use on power up

Automatic / manual temperature compensation

Automatic lock mode and end point sensing lock in stable readings

AC adaptor or battery power with low battery indicator



# Specifications

pH Range	2.00 ~ 16.00pH
mV Range	-1999.9 ~ +1999.9 mV
Temperature Range	0.0 ~ 100.0 °C
pH Resolution	0.01 pH
mV Resolution	0.1 mV
Temperature Resolution	0.1 °C
pH Accuracy	±0.01 pH
mV Accuracy	±0.05% ± 1 digit
Temperature Accuracy	±0.2 °C
pH Buffer Recognition	US (pH 4.01, 7.00, 10.01) or NIST (pH 4.00, 6.86, 9.18), user selectable
pH Electrode Offset Recognition	±1.50 pH
pH Electrode Slope Recognition	±30 %
pH Temperature Compensation	Automatic / manual 0.0 ~ 100.0 °C
Input Impedance	>10 <sup>13</sup> ohms
Operating Ambient Conditions	From 0 ~ 50 °C, at 90 % RH
Power	6 X 1.5 Volt AAA batteries or 115 / 230V AC adapter
Weight / Dimensions	430 grams (Including batteries) / 150 mm x 210 mm x 45 mm

# Accessories

Contact Jenco for complete list of accessories

6005P (Intl.)	pH, temperature, reference electrode with BNC and 8 PIN connector
6000P (US)	pH, temperature, reference electrode
6005C	Electrode cable, 4-Pin to BNC & 8-Pin DIN
600P	pH, reference electrode with BNC connector
6230AST	Temperature electrode with 8 PIN connector
6230D115	115V AC adapter
6230D230	230V AC adapter
007N	Electrode holder arm

