



Features & Specifications:

- The 6005P is a multi-purpose and economical portable meter. Each probe has built-in signal conditioning so scaling or calibrating of the instrument is not required and the correct units of measurement are automatically displayed.
- **Microprocessor circuit** assures maximum possible accuracy
- **Expandable plugs** satisfy your different measurement demands on time on pH measurement
- **Wide application:** water condition, aquariums, beverage, fish hatcheries, food processing, photography, laboratory, paper industry, school and college
- **Record maximum** and minimum readings
- **Auto shut off** saves battery life
- **Built-in** low battery indicator
- **Auto** (optional probe) / **manual** (built-in) temperature compensation function enables accurate measurement on different solutions
- **Heavy duty** & compact housing case designed
- **PH function** with high input impedance avoids measuring error

SPECIFICATIONS:

Circuit:	Custom one-chip of microprocessor LSI circuit	
Display:	Dual function meter's display, 13 mm super large LCD display	
Measurement:	pH	0 - 14 pH
	mV	± 1999 mV
Input impedance:	10 ¹² ohms	
Temperature compensation for pH/EC measurement:	Manual:	0 100 °C
Automatic (ATC):	With the optional temperature probe (YK-200STC), 0-65°C	
Power off:	Auto power off saves battery life or manual shut off by push button	
Data hold:	To hold the reading values on display	
Data record:	Record Max. Min. reading values on the display	
Data output:	RS-232C PC serial interface	
Over load indication:	"-----" on the display	
PH electrode:	any combination pH electrode with BNC connector	
Operating temperature:	0°C to 50°C (32°F to 122°F)	
Operating humidity:	less than 80% RH	
Sampling time:	approx. 0.8 second	
Power supply:	006P DC 9V, MN1604 (PPS) battery or equivalent Alkaline or heavy duty type	
Weight:	250 gr.	
Size:	195 x 68 x 30 mm	

ELECTRICAL SPECIFICATIONS (23°C ±5°C)

Measurement:	pH	mV
Range:	0 to 14 pH	± 1999 mV
Resolution:	0.01 pH	1 mV
Accuracy:	± (0.02pH + 2d)	± (0.5% + 2d)