



安科实业有限公司

AMTECH INDUSTRY COMPANY LIMITED

Pen pH Meter Instruction Manual

KL-6020A

Thanks for choosing our products. Please read the manual carefully before using the meter. Filing and keeping this manual for future reference. Always rinse the electrode with water and wipe the sides and tip carefully with a Kimwipe before immersing it in a new standard solution.

FEATURES

* 0 to 14.00 pH.	* LCD with displays
* Pen type digital pH meter, all in one, pH electrode is included, easy for general purpose application.	* Data hold function for freezing the desired value.
* Water proof and protection.	* High accuracy.
* pH 4, pH 6.86 standard solution are standard accessories.	* Compact size, light weight.
* Easy to change the pH electrode.	* Power supply by DC 1.5 V battery (LR44, BAT) x 3 PCs
* Build in temperature sensor, ATC (auto temperature compensation).	* Available for wide applications, such as aquarium, beverage, fish hatcheries, food processing, photography, laboratory, quality control, school & colleges, swimming pools, water conditions.
* One Point Calibration for pH 6.86	

SPECIFICATIONS

Display	LCD, size : 20 mm x 27 mm. Consumption	
Measurement Range	pH	0 to 14 pH.
Resolution	pH	0.01 pH.
Accuracy	pH	± 0.1 pH * After calibration.
Data Hold	Freeze the display reading.	
pH Calibration	pH 6.86, 1 point calibration.	
Operating Humidity	Less than 80% RH.	
Dimension	188 x 40 x 35 mm * Meter with pH electrode.	
Weight	80 g (included electrode).	

OPERATING INSTRUCTION

ADDRESS: 416 NO16 FU ZHOU NAN ROAD QINGDAO CHINA

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* **Hold Feature**

Press **HOLD** to freeze the current reading, and 'HOLD' will be appeared on the LCD. Press **HOLD** again to release the hold mode.

* **Automatic temperature compensation (ATC)**

The product is capable of measuring with automatic temperature compensation.

'ATC' shows under CAL at the left corner of the screen. While the meter is off, press **CAL** and **ON/OFF** at the same time until the '°C' or '°F' appears on the LCD. Press **HOLD** to select the preferred unit and then press **CAL** to save. 'SA' will appear on the LCD for one second and then back to normal.

* **Calibration**

1. Prepare 6.86 pH buffers. The pH value for the buffer is given for 25 °C. If the sample temperature is not 25 °C, the pH values displayed for the buffer will reflect the correct pH value for the sample temperature.
2. Press ON/OFF to turn the instrument on and Place the pH electrode in the buffer. The pH value will be updated until a stable reading is reached. If the electrode is dry, please place the electrode in the water for 30 minutes first.
3. When the reading has stabilized or been accepted, use the screwdriver to adjust the knob, which is next to the batteries, to 6.86.
4. After the calibration, do not place the pH electrode in other buffers directly, clean the pH electrode in the water first.

MAINTENANCE

Please always keep the ph glass bulb wet by using the cap to protect and store the electrode. Always rinse the ph electrode and in de-ionized water or rinse solution before next use. Never touch or rub glass bulb for lasting ph electrode life.

WARRANTY

The meter is warranted to be free from defects in material and workmanship for one year from the date of purchase. This warranty covers normal operation and does not cover battery, misuse, abuse, alteration, tampering, neglect, improper maintenance or damage resulting from leaking batteries. Proof of purchase is required for warranty repairs. Warranty is void if the meter has been opened.