

# T-710 Series pH meter



## Main Features

- 7 inch color capacitive screen with high resolution (1024\*600) and sensitivity, which can show more parameters, more intuitive and simpler to read data.
- English and Chinese operating system, humanized design with adjustable screen brightness. System language can be customized according to specific requirements.
- Auto calibration, auto temperature compensation, data storage, USB data export, clock, wireless printing, function setup, smart self-diagnosis and other intelligent functions.
- Big built-in memory can store 1000 sets of test data which can be saved and transferred to USB flash drive and opened with Excel, very easy and convenient for edit.
- Can set up pH measurement modes of high purity water and pure water with ammonia to meet the requirements of power, petrochemical and other industries (only for model T-710P).
- Auto recognition of standard pH buffer solutions and there are three kinds of standard buffers for option: USA series, NIST series and China series.
- With standard Bluetooth block and support wireless Bluetooth printing to make operations much easier for users. Optional data transmission to PC and cell phone via wireless Bluetooth.
- Smart judge of electrode status to ensure accurate use for operators.
- IP54 dustproof and waterproof housing.

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## Specifications

MODEL	T-710L	T-710P	T-710H	
Description	General laboratory bench pH meter, suitable for measuring moderate ionic strength solutions, such as surface water, lake water and industrial waste water. It can be used in most of the areas related to water quality analysis.	Measure pH value of high purity water in power, petrochemical and other industries.	High precision laboratory bench pH meter, suitable for measuring solution of weak ionic strength and low turbid liquid solutions. It can be used in the high-precision pH measurements, such as scientific research, quality control, biotechnology, fine chemicals and acid-base titration.	
Display	7-inch capacitive touch screen with resolution 1024*600			
pH	Measurement range	(-2.00 ~ 19.99)pH	(-2.00 ~ 19.99)pH	(-2.000 ~ 19.999)pH
	Resolution	0.1/0.01 pH	0.1/0.01 pH	0.01/0.001 pH
	Accuracy	±0.02 pH	±0.02 pH	±0.01pH
	Input current	≤1×10 <sup>-12</sup> A	≤1×10 <sup>-12</sup> A	≤1×10 <sup>-12</sup> A
	Input impedance	≥1×10 <sup>12</sup> Ω	≥1×10 <sup>12</sup> Ω	≥1×10 <sup>12</sup> Ω
	Stability	±0.01 pH/3h	±0.01 pH/3h	±0.01 pH/3h
	Temperature compensation	(0 ~ 100) °C(auto or manual)	(0 ~ 100) °C(auto or manual )	(0 ~ 100) °C(auto or manual )
mV	Measurement range(mV/ORP/EH)	-1999.9mV ~ 0 ~ 1999.9mV		
	Resolution	1mV		0.1mV
	Accuracy	±0.1% FS		±0.03%% FS
Temperature	Range	-10 °C ~ 110 °C		
	Resolution	0.1 °C		
	Accuracy	±0.5 °C		
Calibration		Automatic (1, 2, 3 points) USA, NIST and China standards		
Others	Data storage	1000 sets		
	Power	DC12V/1A		
	Communication interface	USB(A), USB(B) , Wireless Bluetooth module		
	Dimensions & Weigh	240×170×70mm/600g		
Working Conditions	Temperature	15 ~ 30 °C		
	Humidity	≤85%		
	IP grade	IP54		

## Standard Configuration

1.T-710 pH meter	1 unit
2.Composite electrode	1 pc
3.Rotary electrode holder	1 pc
4.pH calibration buffer	1 set
5.12V power adapter	1 pc
6.Brief operating manual	1 copy
7.USB flash drive	1 pc