

T-721 Precise pH/DO Meter

Precise measurements of pH/DO in fields of biotechnology, aquaculture, power plant and environmental protection and also more widely used in areas of education and scientific research.



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.
- Auto calibration, auto temperature compensation, data storage, USB data export, clock, wireless printing, function setup, smart self-diagnosis and other intelligent functions.
- English and Chinese operating system, humanized design with adjustable screen brightness.
- Built-in big memory can store 300 sets of test data which can be saved and transferred to USB flash drive and opened with Excel, very easy and convenient for edit.
- DO mode has functions of ATC, auto salinity compensation and auto pressure compensation.
- New structure polarographic DO electrode can measure temperature, salinity and dissolved oxygen simultaneously, equipped with special DO electrode calibration sleeve, only need 3~5 min for polarization.
- Combined diaphragm cap makes it extremely convenient to replace the sensitive membrane just by screwing the new cap to the electrode.
- 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 optional 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.
- IP54 dustproof and waterproof housing.
- DO measurement is polarographic and suggested to be used with our magnetic stirrer or other appropriate models chosen by customers.



Specifications

MODEL	T-721	
pH	Measuring range	(-1.99~19.99) pH
	Resolution	0.1/0.01 pH
	Accuracy	±0.02 pH
	Input current	≤1×10 ⁻¹² A
	Input impedance	≥1×10 ¹² Ω
	Stability	±0.01 pH/3h
	Temp compensation	(0~100)℃ (auto or manual)
mV	Measuring range (mV/ORP/EH)	-1999.9mV ~ 0~1999.9mV
	Resolution	1mV
	Accuracy	±0.1%FS
	Measuring range	(0 ~20.00) mg/L(ppm) (0 ~ 200.0)%
Conductivity	Resolution	0.1/0.01 mg/L(ppm) 1/0.1%
	Accuracy	±0.3%, ±0.40 mg/L
	Response time	≤30s (25℃, 90% response)
	Residual current	≤0.1 mg/L
	Temp compensation range	(0 ~100)℃ (automatic)
	Salinity compensation range	(0~ 45) ppt (automatic)
	Air pressure compensation	(80 ~105) kPa (automatic)
	Electrode type	Polarographic
	Measuring range	-10℃~110℃
Temperature	Resolution	0.1℃
	Accuracy	5~60℃:±0.4℃ Others: ±0.8℃
	Data storage	300 groups
Other Technical Parameters	Power requirements	DC 12V/1A
	Communication	Bluetooth, USB
	Size&Weight	240×170×70mm/600g
	Ambient temperature	5~35℃
Working Conditions	Ambient humidity	≤85%
	IPgrade	IP54