



Industrial Online digital pH meter PH-5520

Product Information

Online ph meter / pH controller PH-5520 ('pH meter') is an industrial online ph analysis and ph monitoring instrument. The online ph meter /ph tester is with various software functions, and has such features as easy installation and operation, strong anti-interference capability and little amount of maintenance work. High-accuracy temperature compensation and pH operation compensation is also adopted for this ph meter.

The online ph meter /ph tester is Widely used for online pH monitoring in environmental protection water treatment, pure water treatment, industrial process, agricultural industry etc.



Technical specifications

Model		5500	5510	5520
Power supply		DC24V	AC110	AC220V
Supply frequency		-----	50/60	50/60
Measurement range	pH	0.00~ 14.00		
	ORP	-1000mV~ +1000mV		
	Temp.	0.0 ~99.9°C		
Resolution	pH	0.01		
	ORP	1mV		
	Temp	0.1°C		
Indication error	pH	≤±0.05		
	ORP	≤±5 mV		
	Temp	≤ ±0.5°C		
Input impedance cause value error	pH	±0.03		
Approx equivalent input impedance		5×10 ¹² Ω		
PH buffer solution		10.0;9.18;7.00;6.86;4.00; 4.01		
Temp. compensation error	pH	≤±0.05		

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Entire instrument error	pH	$\leq \pm 0.1$
Entire instrument repeatability error	pH	0.05
	ORP	$\pm 2\text{mV}$
Compensation range	Temp.	0 ~ 50°C
Working environment	Temp.	0 ~ 50°C
	Humidity	$\leq 85\% \text{ RH}$
Cable length	$\leq 20\text{m}$ (standard 10m)	
Control output	double relay(single contact ON/OFF),hysteresis can be set	
Contact capacity	3A(max), AC220V/AC110V 3A(max), DC24V	
Power consumption	<2.5W	
(4~20)mA current loop	Channels	One channel
	Technical features	Isolated, transferable, adjustable, instrument/transmitter mode
	Loop	$\leq 500\Omega$ (max),DC24V
	Accuracy	$\pm 0.1\text{mA}$
Protection grade level	IP65(with rear cover)	
Installation	Panel mounted, fast installation clamp	
Dimension	96 mm×96mm×103 mm (H×W×D)	
hole dimension	91mm×91mm	