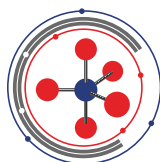


AP-620

Industrial Controller



The **AP-620** industrial controller is the ideal device for continuous monitoring of the PH value or ORP value and temperature in solutions such as thermal power, chemical fertilizer, metallurgy, environmental protection, pharmaceutical, biochemical, food and tap water. The **AP-620** can easily be connected to a computer through the RS485 interface, for monitoring and recording.



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AP-620

Industrial Controller

TECHNICAL DATA

FEATURES:

- 1 to 3 points calibration with auto-buffer recognition
- Selectable pH buffer set, including the USA and NIST options
- Automatic temperature compensation ensures accurate readings over the entire range
- Automatic electrode diagnosis helps the user decide whether to replace the sensor
- Setup menu allows setting the number of calibration points, alarm limits, hysteresis value, 4 to 20mA output, etc.
- Reset function automatically resumes all settings back to the factory defaults

PH	Range	-1.00-15.00pH
	Resolution	0.01pH
	Accuracy	±0.01pH
	Calibration points	1 to 3 points
	pH buffer options	USA (4.01/7.00/10.01), NIST (4.01/6.86/9.18)
mV	Range	±1000mV
	Resolution	1mV
	Accuracy	±1mV
TEMPERATURE	Range	0~100°C/32~212°F
	Resolution	0.1°C/0.1°F
	Accuracy	±1°C/±1.8°F
	Offset calibration	1 point, reading ±10°C
COMMUNICATION	Signal output	4~20mA
	Load	Max. 500Ω
	Low or High Alarm	0.00-14.00pH, selectable
	Communication interface	RS485
	Connection terminals	Detachable screw terminals
OTHER SPECIFICATION	Temperature compensation	0~100°C, automatic
	Environmental conditions	Ambient temperature < 60°C, relative humidity < 80%
	Power requirements	DC24V
	Dimensions	96 x 96 x 75mm / 3.8" x 3.8" x 3"
	Weight	350g / 12.3oz
	Warranty	1 year

ACCESSORIES INCLUDED:

- Industrial pH electrode
- pH buffer sachets
- Power adapter

