

# BI-620 Industrial pH Controller



## 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

## Ordering Information

BI-620: Controller, IE-20T industrial pH electrode and pH buffer sachets

## Specifications

Model		BI-620
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 Specifications	Temperature Compensation	0~100°C, automatic
	Environmental Conditions	Ambient temperature <60°C, relative humidity <80%
	Power Requirements	DC24V
	Dimensions	96(L)×96(W)×75(H)mm
	Weight	350g