

# 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 electrode
- Setup menu allows setting the number of calibration points, alarm limits, hysteresis value, 4 to 20 mA output, etc.
- Reset function automatically restores all settings to the factory defaults



## Ordering Information

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

## Specifications

	Model	BI-620
pH	Range	-1.00...15.00 pH
	Resolution	0.01
	Accuracy	±0.01 pH
	Calibration	1...3 points
	pH Buffer Options	USA (4.01/7.00/10.01), NIST (4.01/6.86/9.18)
mV	Range	-1000...1000 mV
	Resolution	1
	Accuracy	±1 mV
Temperature	Range	0...100°C/32...212°F
	Resolution	0.1
	Accuracy	±1°C/±1.8°F
	Offset Calibration	1 point, reading ±10°C
Communication	Signal Output	4...20 mA
	Load	Max. 500 Ω
	Low or High Alarm	0.00...14.00 pH, selectable
	Communication Interface	RS485
	Connection Terminals	Detachable screw terminals
General	Temperature Compensation	0...100°C, automatic
	Environmental Conditions	Ambient temperature < 60°C, relative humidity < 80%
	Power Supply	DC 24V
	Dimensions	96(L)×96(W)×75(H) mm
	Weight	350 g