

bluelab®
guardian
monitor connect



Durable
high pressure
probes that can
also be used in
reservoirs

In-line



The Bluelab® Guardian Monitor Connect In-line is not only a constant indicator of the desired levels of pH, conductivity and temperature of your nutrient solution, it also data logs these critical parameters to your computer for you.

Handy alarms alert you when parameters are too high or low in your irrigation line.

Threaded probe heads allow for simple installation direct into an irrigation line for effective in-line measurements.

Both conductivity and pH probes can screw directly into female 1" NPT pipe fittings using the included adapter.

The high pressure rated pH probe and conductivity probe has a pressure rating of 7 bar pressure or 100 psi.



1 year for high
pressure pH probe



Data log to PC with
connect stick



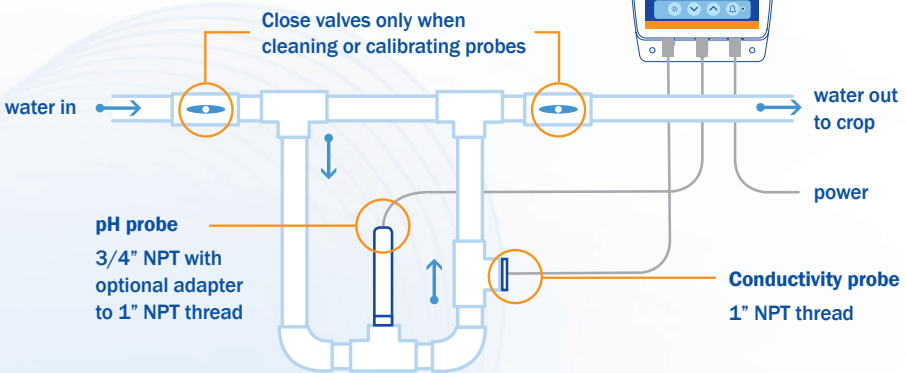
Mobile data
visualisation

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Recommended installation of in-line probes

Adjust valve location to suit your system requirements.

Mounting the probes in this orientation ensures a consistent contact with the solution, and prevents sediment forming on the probe head.



One Bluelab® Connect™ Stick is all you need to connect multiple Bluelab® Connect™ devices.



1 year for high pressure pH probe

specifications

Signal Range:	Indoor / Urban: up to 66 feet / 20 meters Outdoor / RF Line-of-Sight: up to 164 feet / 50 meters		
Frequency Band:	2.4 GHz ISM		
System Requirements:	Compatible with Microsoft Windows XP / Java 6, Mac OS X 10.7/3. Internet connection for data-logging to the cloud.		
	pH	Conductivity	Temperature
Measurement Range:	0.0 - 14.0 pH	0 - 5.0 EC, 0 - 50 CF, 0 - 2500 TDS (ECx500), 0 - 3500 ppm (ECx700)	1 - 50 °C, 32 - 120 °F
Resolution:	0.1 pH	0.1 EC, 1 CF, 50 TDS, 70 ppm	1 °C, 1 °F
Accuracy at 25 °C / 77 °F:	±0.1 pH	±0.1 EC, ±1 CF ±50 TDS, ±70 ppm	± 1 °C ± 2 °F
Calibration:	Two or three point (pH 7.0 & pH 4.0 or pH 10.0). Not required for conductivity or temperature		
Temperature Compensation:	Yes (if conductivity probe is in the same solution as pH probe)		
Operating Environment:	0 - 50 °C / 32 - 122 °F		
Probe Pressure:	100PSI / 7 Bar		
Power Source:	Input: 100-240 Vac, 50-60 Hz, 5 VA, 4 interchangeable plug types (USA, Euro, UK, NZ/AUS) Output: 5Vdc 1amp.		

features

- ONE Bluelab® Connect™ Stick required, sold separately
- Local and cloud data logging capability (download Free Bluelab® Connect™ Software)
- Option to view data and current status remotely
- Bright, plant-safe LED with adjustable brightness
- Large easy to read displays
- Simple push button pH calibration
- No calibration required for conductivity and temperature
- Selectable values for conductivity and temperature
- High pressure in-line pH probe with 3/4" NPT thread
- International power supply
- Adapter collar to increase pH probe thread to 1" NPT
- Flashing high and low alarms
- Water resistant
- Replaceable double junction pH probe

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