



Technical specifications

Specifications	pH	Conductivity	Temperature
Units:	pH	EC, CF, TDS, ppm 700	°C, °F
Measurement range:	0.0 – 14.0 pH	0 – 5.0 EC, 0 – 50 CF 0 – 2500 TDS (ECx500) 0 – 3500 ppm (ECx700)	0 – 50 °C 32 - 122 °F
Resolution:	0.1 pH	0.1 EC 1 CF 10 TDS 10 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 point pH 7.0, and pH 4.0 or pH 10.0	Not required (factory calibrated)	Not required (factory calibrated)
Automatic Temperature Compensation (ATC):	Yes (if conductivity/temperature probe is in same solution as pH probe)	Yes	Not applicable
Operating environment:	0 - 50 °C / 32 - 122 °F		
Power source:	Input: 100-240 Vac, 50-60 Hz, 5 VA output: 5VDC 1Amp, 4 interchangeable plug types (USA, Euro, UK, NZ/AUS)		
Other functions:	Greater tolerance to RF/electronic interference provided, silent visual alarm (high and low settings), adjustable display brightness, water resistant, non-volatile memory, over and under range indicators		
Guarantee period:	Bluelab Guardian Monitor: 2 years Bluelab pH Probe: 6 months		