

24/7 Monitoring

The HI981421 GroLine Monitor provides 24 hour continuous monitoring of pH, conductivity (EC or TDS), and temperature in hydroponic nutrients. Quick to setup and simple to use, this monitor was designed with hydroponics, aquaponics, and greenhouses in mind. Make your nutrient solution easy to manage with the GroLine Monitor and combined pH/EC/Temperature probe.

Instantly See All Measurements

The versatile display of the GroLine Monitor allows for three screen modes. The LCD can display all three essential hydroponic nutrients measurements at one time, a 3-second cycle of single measurements, or a real-time graph screen with options for measurement selection and log recall.

Features

- Can be integrated into a fertilizer system
- pH/EC inline probe with built-in temperature sensor
- IP65 rated enclosure designed to withstand harsh growing environments
- Selectable EC to TDS conversion factor: choice of either a 0.5 or 0.7 conversion factor
- Automatic Temperature Compensation
 - All readings are compensated for variations in temperature. Temperature displayed in °C or °F along with pH, EC, or TDS reading
- Large LCD with plant-friendly green backlighting
- Ambient light sensor for automatic LCD dimming
- Quick calibration using Quick Cal solution simultaneously for pH and EC
- Calibration reminder
- Data logging for 30 days
 - Logs every 15 minutes for last 30 days, stores min, max, and average values
- Setup, Calibration, and Operating parameters are stored in nonvolatile memory. All settings are retained if power is lost
- 24 hour summary screens (plot and details)
- GLP feature calibration data for the pH and EC (up to 5 calibrations)
- Alarms feature for all parameters



Quick Cal

Quick Cal is for use with Hanna's GroLine pH and/or EC/TDS meters. Using the Quick Cal function found in compatible meters allows for single-point calibration for pH and/or conductivity sensors.

Monitor Changes Over Time

Fluctuations in your hydroponic nutrient solution can have lasting effects on your plants. The GroLine Monitor automatically logs every 15 minutes for the last 30 days, and stores min, max, and average values so you can recognize when patterns arise and help prevent future problems. For review and storage, use the USB-C to easily transfer data to a flash drive or PC using a cable. Files are exported as .csv.

Grow With Confidence

The GroLine Monitor frees up your time by doing the testing for you. Simply set high and low alarm levels - if your hydroponic nutrient solution moves out of range a measurement error will display. A quick look at the large display will let you know if your nutrient solution needs adjusting.

