

HI983302N (Gro'Chek EC)

EC Meter

- **Water resistant housing**
 - The meter housing is rated IP54 meaning it has a high level of protection against particles and a fair amount of protection against water
- **One-point calibration**
 - Calibrate with 1413 $\mu\text{S}/\text{cm}$ EC solutions using a screwdriver
- **Automatic Temperature Compensation (ATC)**
 - Samples automatically compensated for temperature variations

Engineered to withstand the aggressive environments in agricultural and hydroponic application, the HI983302N is a simple way to measure EC. You can simply hang the meter right above the sample to be tested for continuous measurement and the unit will run without interruption on 12 VDC power supply or take it with you for spot checks. The meter housing is rated IP54 meaning they have a high level of protection against particles and a fair amount of protection against water. The integrated large LCD allows for an easy reading from a distance.

The meters are supplied with a HI7632 probe that automatically compensates for any temperature variation. The HI7632 is a two-pole amperometric EC probe for panel mounted mini controllers that measure in the high range (mS/cm and ppt). This probe has a built-in temperature sensor for Automatic Temperature Compensation and a $\frac{1}{2}$ " male NPT threaded connection for insertion mounting. The HI7632 probe provides a rapid response and high accuracy EC measurement.



Specifications	HI983302N (Gro'Chek EC)
Range	0.00 to 9.99 mS/cm
Resolution	0.01 mS/cm
Accuracy (@25°C/77°F)	2% F.S.
Calibration	manual, one-point through trimmer
Temperature Compensation	automatic from 5 to 50°C (41 to 122°F)
Probe	HI7632 EC probe with 2 m (6.6') cable (included)
Power supply	12 VDC adapter (included)
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	86 x 110 x 43 mm (3.4 x 4.3 x 1.7")
Weight	215 g (7.6 oz.)
Ordering Information	HI983302N-01 (Gro'Chek EC) (115V) and HI983302N-02 (Gro'Chek EC) (230V) is supplied with HI7632 probe, 12 VDC adapter, 1413 mS/cm calibration solution (20 mL), calibration screwdriver and instructions.

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