

HI 983301N • HI 983301N/5 • HI 983302N

EC and TDS Meters

Water Resistant

**Hang in the Greenhouse or Over the Workbench**

These state-of-the-art meters have been engineered with a host of features suited for the aggressive environments commonly found in agricultural applications. Housings and cable connections have been sealed against vapor and humidity.

Select HI 983301N for TDS measurements with the common 0.7 TDS conversion factor (4-4-2) or HI 983301N/5 which uses a 0.5 conversion factor.

Both the TDS and EC meters come with a probe specifically made for horticulture and hydroponics applications. The probe compensates for temperature variations automatically, is easy to clean, is very stable and needs little maintenance.

With a 12 Vdc power supply included with the meter, low battery failures are never an issue.

- Low maintenance probes
- Hang right above the samples
- Probes are specially designed for horticulture and hydroponics applications

SPECIFICATIONS	HI 983301N	HI 983301N/5	HI 983302N
Range	0 to 1990 ppm (mg/l)	0 to 1990 ppm (mg/l)	0.00 to 9.99 mS/cm
Resolution	10 ppm	10 ppm	0.01 mS/cm
Accuracy (@20°C/68°F)		2% F.S.	
Calibration	manual at 1 point, through trimmer		
Temperature compensation	automatic, 5 to 50°C (41 to 122°F) with $\beta=2\%/^{\circ}\text{C}$		
TDS conversion factor	0.7	0.5	—
Probe	HI 7634 (included)		HI 7632 (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

HI 983301N-01 (115V) and **HI 983301N-02** (230V) is supplied with HI 7634 probe, 12 Vdc adapter, 1500 ppm calibration solution (20 mL), calibration screwdriver and instructions.

HI 983301N/5-01 (115V) and **HI 983301N/5-02** (230V) is supplied with HI 7634 probe, 12 Vdc adapter, 1382 ppm calibration solution (20 mL), calibration screwdriver and instructions.

HI 983302N-01 (115V) and **HI 983302N-02** (230V) is supplied with HI 7632 probe, 12 Vdc adapter, 1413 mS/cm calibration solution (20 mL), calibration screwdriver and instructions.

ELECTRODES

- HI 7632** EC probe, 2 m (6.6') cable*
- HI 7632/2** EC probe with 2 m (6.6') cable and 1/2" thread for in-line installation*
- HI 7632/3** EC probe with 2 m (6.6') cable and

- HI 7634** TDS probe, 2 m (6.6') cable*
- HI 7634/2** TDS probe with 2 m (6.6') cable and 1/2" thread for in-line installation*
- HI 7634/3** TDS probe with 2 m (6.6') cable and 3/4" thread for in-line installation*

SOLUTIONS

- HI 70032P** 1382 ppm calibration solution, 20 mL sachets (25)
- HI 70031P** 1413 mS/cm calibration solution, 20 mL sachets (25)
- HI 70442P** 1500 ppm calibration solution, 20 mL sachets (25)

ACCESSORIES

- HI 710005** 115 Vac/12 Vdc pwr adapter (US)
- HI 710006** 230 Vac/12 Vdc pwr adapter (EURO)

*Replaceable by technical personnel only.