



**FIELD ENVIRONMENTAL
INSTRUMENTS, INC.**

- Rentals
- Supplies
- Sales
- Service

SPECIFICATIONS

ENVIRONMENTAL EQUIPMENT AND FIELD SUPPLIES

Hanna 993310 Direct Soil Activity and Solution Conductivity Measurement Kit



The portable Hanna HI993310 meter measures the soil conductivity in EC (mS/cm) as well as soil activity (g/L). These two measurement modes are made possible using the

two supplied probes: HI76305 with stainless steel, conical tip for direct soil measurement and HI76304 for fertilizer enriched solutions. The two different scales can be selected through two keys on the front panel and two separate LEDs indicate

which parameter is being tested. In addition, HI993310 is equipped with an alarm LED that illuminates if the soil is too dry or nutritive substances such as potassium or nitrogen are lacking.

FEATURES-AT-A-GLANCE

- Two probes
- Two measurement modes
- Automatic temperature compensation
- Temperature compensation coefficient
- One-point calibration
- LED alarm
- Auto shut-off
- Battery error prevention system (BEPS)

SPECIFICATIONS

EC Range	0.00 to 19.99 mS/cm
EC Resolution	0.01 mS/cm
EC Accuracy	±2% FS
Soil Activity Range	0.00 to 1.00 g/L
Soil Activity Resolution	0.01 g/L
Soil Activity Accuracy	±2% FS
Temperature Compensation	automatic from 0 to 50 °C (32 to 122 °F) with $\beta=2\%/^{\circ}\text{C}$ typical
Calibration	manual, one point
Electrode/Probe	HI76305 stainless steel conductivity probe with internal temperature sensor, DIN connector and 1 m (3.3') cable for direct soil measurement (included); HI76304 conductivity probe with internal temperature sensor, DIN connector and 1m (3.3') cable for mea
Battery Type/Life	9V / approximately 100 hours of continuous use; auto-off after 2 minutes of non-use
Environment	0 to 50 °C (32 to 122 °F); RH max 95%
Dimensions	185 x 82 x 52 mm (7.3 x 3.2 x 2.0")
Weight	275 g (9.7 oz)

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