

# HydraGO

## Field Version

**STEVENS**  
MEASUREMENTS TO MIND

Wireless, sensor-to-smartphone interface  
for HydraProbe



Take soil measurements anywhere for those applications not requiring a permanent soil monitoring system. Your Apple or Android device communicates wirelessly with the HydraProbe using an ad-hoc wi-fi radio link.



Simply insert the probe into the soil, and tap on the “Sample” button in the HydraMon app. The HydraProbe Field Portable communicates wirelessly with your smartphone or tablet using an ad-hoc wi-fi network created by the device.

The app will display soil moisture content, temperature, conductivity, and dielectric permittivity on-screen for immediate viewing. The GPS location, date and time of each measurement is recorded along with the soil measurement data. All data can be saved and emailed as a .CSV file for analysis in Excel.

The HydraProbe Field Portable system features a rugged, anodized aluminum housing that contains a rechargeable battery and an LCD screen to indicate battery voltage as well as an on/off switch. The HydraProbe Field Portable comes with a carry strap for easy on-the-go measurements and a weatherproof connector between the battery pack and the sensor so that the sensor can be disconnected and left in the ground.



## TECHNICAL SPECIFICATIONS

<b>Battery type</b>	Rechargeable NiMH battery, 12 V / 2500 mAh
<b>Wireless protocol</b>	WiFi (802.11b)
<b>Housing</b>	Black anodized aluminum
<b>Cable</b>	22 gauge, UV resistant
<b>Operating temperature</b>	-14 °F to +149 °F (-10 °C to +65 °C)
<b>Water resistance</b>	Probe and cable tolerate continuous full immersion in liquid
<b>Soil probe</b>	Stevens HydraProbe (included) with weatherproof connector
<b>Parameters measured</b>	Soil moisture, temperature, bulk electrical conductivity, dielectric permittivities
<b>Dimensions</b>	6.75" L x 4" W x 2.5" D (17.1 cm L x 10.0 cm W x 6.4 cm D)
<b>Weight</b>	4.1 lbs (1.85 kg)
<b>Part #</b>	93633-005 (with GPS), 93633-006 (without GPS)



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