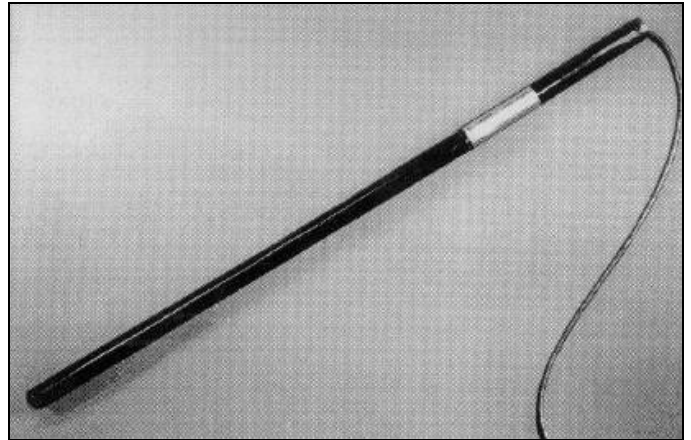


MODEL 3051 Soil Moisture Sensor

General Description

The Model 3051 Soil Moisture Sensor measures the dielectric constant of soil, which is directly related to water content. The probe consists of a electronic module encapsulated in one end of the cylindrical housing and a moisture sensing element. The sensor measures an 18 in. section of soil starting 1/2 in. up from the bottom. The sensor can be placed in any direction or depth but must be in direct contact with the soil. A temperature sensor may be added to the package.



Model 3051 Soil Moisture Sensor

Specifications

Power:	12 Vdc ± 20%
Current:	40 mA
Measure range	
Soil Moisture:.....	% available moisture by volume
Temperature:	-460 to +140 °F (-273.2 to +60 °C)
Output:.....	0 to 5 Vdc
Power on time:.....	1 second
Cable length:.....	50 ft.
Size:.....	27 in. x 3/4 in.
Shipping weight:	1 lb.

Ordering Information

3051 Soil Moisture Sensor