Soil Moisture Sensor
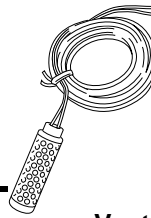
For Wireless Soil Moisture/Temperature Station (# 6345)

6440

The Watermark® Soil Moisture Sensor is an indirect, calibrated method of measuring soil water content. It is an electrical resistance type sensor. The Soil Moisture/Temperature Station converts the electrical resistance reading from the sensor into a calibrated reading of centibars of soil water suction with a range from 0 to 200 centibars.

The Watermark Soil Moisture Sensor is a product of the Irrometer Company, Inc.

General

Sensor Type	Electrical resistance
Attached Cable Length	15' (4.6 m)
Cable Type	Watermark standard, two-wire, wires stripped and tinned
Maximum Cable Length	1000' (300 m) (18 AWG UF recommended)
Housing Dimensions	7/8" diameter x 3" (22 mm diameter x 76 mm)
Weight	3.6 oz. (103 g)

Sensor Output

Resolution	1 cb
Range	0 to 200 cb
Update Interval	62.5 to 75 seconds

Package Dimensions

Product #	Package Dimensions (Length x Width x Height)	Package Weight	UPC Codes
6440	6.00" x 5.63" x 1.25" (152 mm x 143 mm x 32 mm)	9 oz. (.3 kg)	011698 00330 3

DS6440 (Rev. E, 1/5/07)

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