The WEM works in conjunction with irrigation controllers to improve scheduling efficiency based on plant demand. The system will prevent irrigation cycles when the soil moisture is wetter than the adjustable set point. The device prevents valve operation by interrupting the common ground. This feature allows great flexibility in configuring the system for single valves, a group of valves (hydrozone), or the entire controller. The kit includes two WATERMARK soil moisture sensors. This allows for multiple placement locations, thereby averaging the soil moisture status over a larger area or deeper root depths. Eleven moisture set points allow for a wide range of variations in plant and soil type.

Features:
- Makes existing controllers “SMART”
- Can be wired to manage a single valve, a group of valves on a dedicated common, or the entire controller
- Suspends irrigation cycles based on soil moisture status
- Easy to install and use
- 11 position switch for variations in plant demand and soil type
- Requires no seasonal adjustments

WATERMARK Electronic Module — WEM

COMPATIBILITY: The WEM is compatible with 24VAC irrigation controllers* that use a common ground. The module can be used in combination with other climatic sensors (rain, freeze, etc.).

*Note: The WEM is compatible with many two-wire and central control irrigation systems. Special order versions are available for dry contact switching and serial data output, contact IRROMETER for more information.

POWER REQUIREMENTS: Input voltage – 24 VAC
WIRE LEADS: 20 AWG x 12 in. (30 cm)

5 leads — 2 – sensor, 1 – power, 2 – switch/common

MATERIALS: ABS plastic case with encapsulated electronics for outdoor operation

DIMENSIONS –
- HEIGHT: 3 in. (76 mm) – 3.875 in. (98 mm) including mounting tabs
- WIDTH: 2 in. (51 mm)
- DEPTH: 1.50 in. (38 mm) including knob
- WEIGHT: 7 lb. (320 g) — total kit weight includes two #200SS-5 sensors

SETTINGS: OFF and 1 (wet) through 11 (dry)

WATERMARK 200SS-5 Sensor

SPECIFICATIONS –
MATERIALS: ABS plastic caps with stainless steel body over a hydrophilic fabric covered granular matrix with imbedded stainless steel electrodes.

DIMENSIONS –
- DIAMETER: .875 in. (22 mm)
- LENGTH: 3.00 in. (76 mm)
- WIRE LEADS: 20 AWG x 5 ft. (1.5 m) — 2 leads

WARRANTY: One year

ORDERING INFORMATION: Catalog #WEM — WATERMARK Electronic Module includes — One WEM module, two 200SS-5 sensors and instructions, in a clear plastic display package.