



Irrigation Monitoring Package

The elements of this bundle were chosen specifically for you to see both how much water is in the soil and how much of that water is available to plants.

- A matric potential sensor measures plant available water so you know when to turn irrigation on.
- Soil moisture sensors let you know when you've reached field capacity and should turn irrigation off.
- A pressure switch monitors pipes to make sure irrigation is happening as scheduled.
- DataTrac lets you watch the interaction of all the sensors graphically.

Know when to turn irrigation on.

Soil moisture sensors only measure volumetric water content. Use the matric potential sensor to monitor plant available water.

Know when to turn irrigation off.

Fast-response soil moisture sensors let you track plant water use in real time and set an accurate full point that minimizes wasted water.

IN THE BOX

Standard Configuration #40523

Soil Moisture/Irrigation System

Two, 5TE Soil Moisture Sensors

MPS-1 Matric Potential Sensor

Pressure on/off switch

ECRN-100 Precipitation Sensor

Em50 Data Logger

DataTrac 3 Software

USB Cable

Batteries

Mounting hardware

Printed and electronic documentation

Settling For 1 Water Parameter?

KNOW WHEN TO TURN IT ON
AND WHEN TO TURN IT OFF



Pressure On/Off Switch
Tracks irrigation events by recording when water is turned on and off.

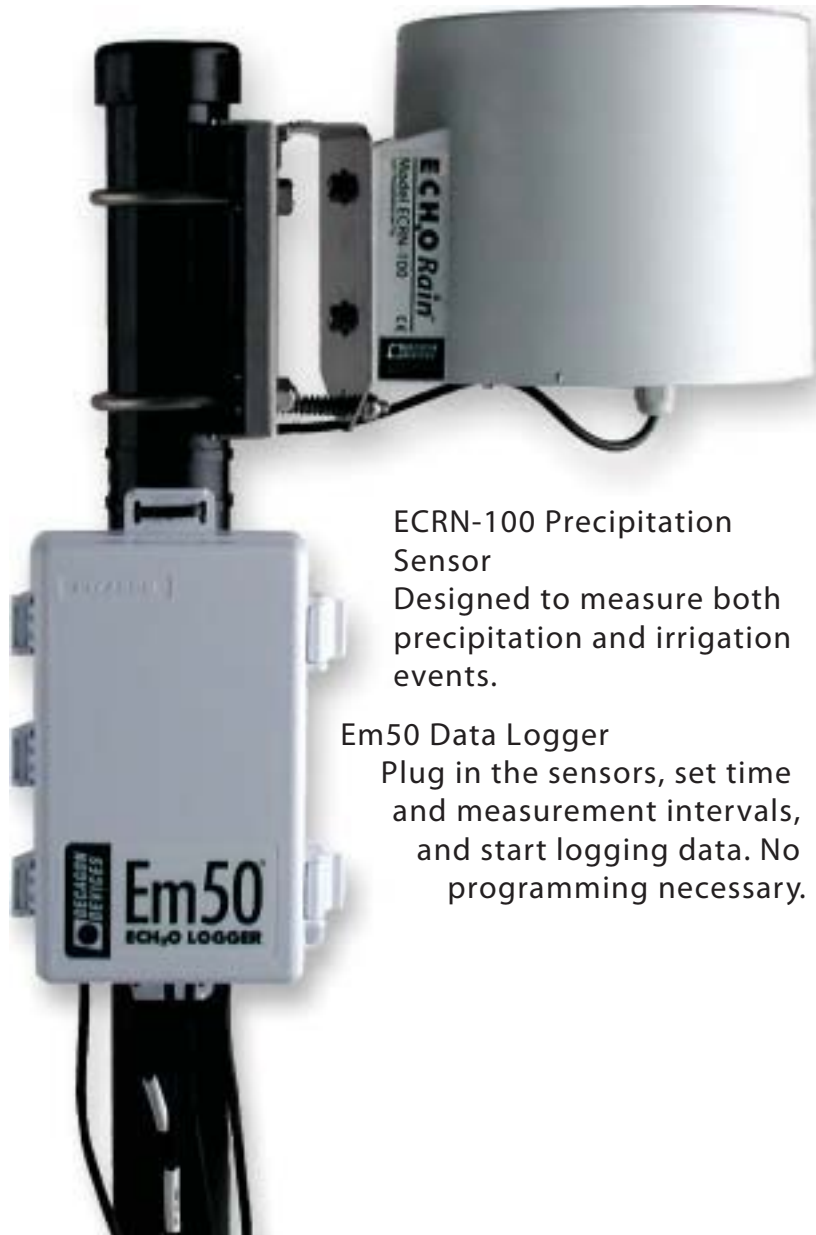


DataTrac 3 Software
Dynamic graphical interface brings data to life. Organize, graph, and store data; view data in table format; create reports and transfer data to other DataTrac 3 users.

MPS-1 Matric Potential Sensor
This sensor goes beyond just water content to describe water availability. Measures 0 to -500 kPa.



Two, 5TE Moisture Sensors
Soil moisture sensors located within and below the root zone track water content through the profile.



ECRN-100 Precipitation Sensor
Designed to measure both precipitation and irrigation events.

Em50 Data Logger
Plug in the sensors, set time and measurement intervals, and start logging data. No programming necessary.