Watershed Characterization

The elements of this bundle were chosen to help you nail two tough components of the water balance: storage and deep percolation.

- The drain gauge's elegant design ensures that water will flow through and not around it, giving you accurate deep percolation rate.

- High accuracy water content sensors let you calculate storage from differences in profile water content.

- Adding on a rain gauge gives you the downward "vertical water profile"—incoming, storage, and drainage.

# Close Your Water Balance

## WITH PRECIPITATION, SOIL STORAGE, AND DEEP DRAINAGE

Get closer to completing the water balance.

Collect the data you need to calculate water input, storage, and drainage in the vadose zone.

Measure deep drainage rather than estimating to reduce errors in water balance calculation

| IN THE BOX |
| --- |
| Standard Configuration #40525 |
| Water Balance System |
| Drain Gauge G3 |
| Three, 5TM Soil Moisture Sensors |
| ECRN-100 High Resolution Rain Gauge |
| Em50 Data Logger |
| DataTrac 3 Software |
| USB Cable |
| Batteries |
| Mounting hardware |
| Printed and electronic documentation |
| Contact Labcell to add telemetry options. |

Drain Gauge G3
Measure deep drainage with this thoughtfully designed passive capillary lysimeter.


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

Three, 5TM Soil Moisture Sensors
Measure water storage using dielectric water content sensors at different depths in the profile.


ECRN-100 High Resolution Rain Gauge
Measure incoming water values for water balance calculations.


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