



**METER**

## **DRAIN GAUGE G3 LYSIMETER**



The Drain Gauge G3 is a passive-capillary lysimeter that determines the volume of water and chemicals draining from the root zone into groundwater. Once installed below the root zone, water samples are easily collected through the surface port for analysis of chemicals, fertilizers, and other contaminants. Drainage and solute levels can be continually measured in real time using the optional EC/depth sensor. Not only is the Drain Gauge constructed from inert materials so it won't react with compounds collected in the sample reservoir, it also features a sealed design, which allows it to work in both saturated and unsaturated conditions.

### **Features**

- Completely sealed system protects from high water tables
- 6.1 cm drainage capacity allows for large sampling volumes
- Monitor solute fluxes with optional EC sensor
- Can be used with the optional AutoPump to automatically draw samples on remote or high drainage deployments

### **Specifications**

<b>Drainage</b>	<b>Range:</b> 0-61 mm bottom of wick 61-100 top of reservoir chambers <b>Resolution:</b> 0.2 mm <b>Accuracy:</b> $\pm 1.4$ mm
<b>Water depth</b>	<b>Range:</b> 0 to 10,000 mm <b>Resolution:</b> 1 mm <b>Accuracy:</b> $\pm 0.05\%$ of full scale at 20°C
<b>Bulk electrical conductivity (EC)</b>	<b>Range:</b> 0-120 dS/m <b>Resolution:</b> 0.001 dS/m <b>Accuracy:</b> $\pm 0.01$ dS/m or $\pm 10\%$ , whichever is greater



**BİLMAR BİLİMSEL ARAŞTIRMA VE MÜHENDİSLİK ANONİM ŞİRKETİ**

Web page : [www.bilmar.com.tr](http://www.bilmar.com.tr)

E-mail : [bilkim@bilmar.com.tr](mailto:bilkim@bilmar.com.tr)