



**METER**  
ENVIRONMENT

# SOIL/LAB/HYDROLOGY INSTRUMENTS



## HYDROS 21

The HYDROS 21 is a low-cost, durable, and easy-to-use tool for monitoring EC, temperature, and depth in both groundwater and surface water. More importantly, it's an all-in-one instrument. When used with the ZL6 data logger or any other logging system, you won't require an additional sensor for measuring—and referencing—barometric pressure. With a range of 0 to 120 dS/m and a measuring depth of 10 m, the sensor makes accurate depth and EC measurements for a broad range of applications.

### KEY FEATURES

- Continuously monitor groundwater and surface water level changes
- Vented sensor means no need for an additional sensor to measure and reference barometric pressure
- Integrated electrical conductivity and temperature measurement
- 3.4 cm diameter sensor that fits into tight spaces
- Low cost
- Durable
- Easy to use

### SPECIFICATIONS

- Bulk electrical conductivity (EC)  
Range: 0–120 dS/m  
Resolution: 0.001 dS/m  
Accuracy:  $\pm 0.01$  dS/m or  $\pm 10\%$ , whichever is greater
- NOTE: The EC measurement is corrected to a standard temperature of 25 °C.
- Temperature  
Range:  $-11$  to  $+49$  °C  
Resolution: 0.1 °C  
Accuracy:  $\pm 1$  °C
- Water depth  
Range: 0–10,000 mm  
Resolution: 1 mm  
Accuracy:  $\pm 0.5\%$  of full scale at 20 °C