



**METER**  
ENVIRONMENT

# SOIL/LAB/HYDROLOGY INSTRUMENTS



## HYPROP

The HYPROP 2 uses two precision mini-tensiometers to measure water potential at different levels within a saturated soil sample while the sample rests on a laboratory balance. Over time, the sample dries, and the instrument measures the changing water potential and the changing sample weight simultaneously. It calculates the moisture content from the weight measurements and plots changes in water potential correlated to changes in moisture content.

After setup, the HYPROP 2 is capable of generating a moisture characteristic curve and determining the unsaturated hydraulic conductivity of soil samples in only days versus months. To save you even more time, it can operate while being left unattended.

## KEY FEATURES

- High-resolution data (over 100 data points in the 0 to -100 kPa range)
- Fast: complete SWCC in a few days
- Completely automated
- Can be combined with WP4C data for complete SWCC across all water potential ranges

## SPECIFICATIONS

- Accuracy:  $\pm 1.5$  hPa (0 hPa to 820 hPa)
- Resolution: 0.01 hPa
- Measurement range for tensiometers: +20 hPa to -1200 hPa / -2400 hPa