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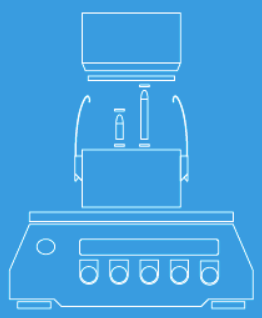

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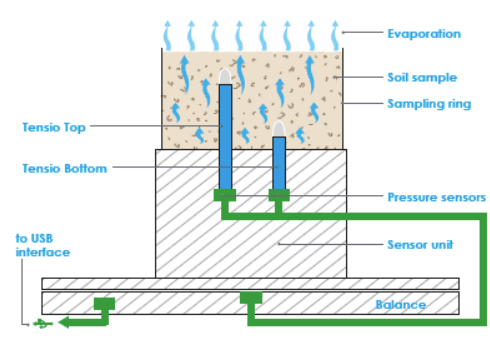
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Operation Manual
HYPROP 2

At a glance – how it works



Legend

- water
- electronics
- soil
- water vapor
- ceramic
- all other parts
- cross section of a part

HYPROP 2 is a fully automated measuring and evaluation system based on Schindler's evaporation method (1980) to determine the hydraulic properties of soil samples. With tensiometers in two depths the device measures the soil water tension as well as the unsaturated hydraulic conductivity. Additionally the volumetric water content is calculated through a continuous recording of weight loss.

With these information the water retention curve can be illustrated.

In comparison to HYPROP, HYPROP 2 convinces through, easier and more flexible handling and more robust and precise pressure transducers. Furthermore, a faster optical monitoring of the measurement is enabled through a LED ring visualizing the current status of the device.

Please find further information in the chapter "Theory".