applications

For protection during storage and transport the whole system is packed in a robust aluminum case with fitted foam inlays.

The electronic capture of the infiltration rate is possible with the handheld device.

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System for measuring the soil hydraulic conductivity near saturation in field tests.

- easy adjustment to different conductivity ranges
- no contact layer necessary, the hood rests directly on the soil surface

In addition with the optional tension chamber the system can easily be switched to a tension infiltrometer.

- enables measurements for tensions lower than the bubble point of the soil

Adjustment of the tension via a Mariotte water supply.

- tension range from 0 up to the bubble point of the soil using a hood and from 0 up to -60 hPa using the tension chamber
- suitable for hydraulic conductivities from $10^{-3}$ m/s to $10^{-7}$ m/s

Two different sized hoods (infiltration area ratio of approximately 1:2) are available as infiltration chambers.

- functionality
- measurement principle
- technical data