

T4

Tensiometer



The T4 precision Tensiometer - developed for outdoor monitoring projects. Only the ceramic cup is filled with water for highest accuracy and year-round operation.

Optionally with external refilling:

The model T4e with external refilling can be refilled or emptied without removing it from the soil.

Typical Applications

- Field measurements
- Water balance, leaching, transport studies
- Model calibration
- Ecological impact studies
- Agricultural or forestal studies
- In-situ retention curves
- Data logger applications
- Spot readings in with the INFIELD7b

Advantages

- Reliable outdoor tensiometer
- Solid construction
- Horizontal or vertical installation in any orientation
- Year-round operation when installed deeper than 30 cm

Limits

- Not for dry soils

Features

- **Exact values** by balanced standard output signals
- **Optional external refilling:** Option for refilling Tensiometers without removing them from the soil
- **Cables:** all with plug M12/IP67, lengths: for shaft lengths up to 120 cm: 1,5 m from sensor body for shaft lengths over 121 cm: 5 m from sensor body



Technical specifications

Measuring range	-1000 hPa ... +850 hPa
Output signal	-100 mV ... +85 mV
Accuracy	±5 hPa
Supply	typ. 10.6 VDC / 1.3 mA
Shaft	Ø 25 mm; acrylic
Shaft lengths	10 ... 200 cm
Shaft extensions	Possible on request
Porous ceramic	Ø 24 mm; length 60 mm
Bubble point	15 bar

Ordering information

Art. no.

T4 Tensiometer	T4-...
T4 with external refilling	T4e-...

Order separately

- Connecting cable
CC-4/5 (5 m), **CC-4/10** (10 m), **CC-4/20** (20 m)
- Extension cable
EC-4/5 (5 m), **EC-4/10** (10 m)



Product
Info

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