

Standard “Bourdon” Tensiometer



A **Standard “Bourdon” Tensiometer** is the ‘traditional’ way of measuring the moisture content of unsaturated soil.

Cost effective soil moisture sampling

Advantages

- Good value and simple to use
- Sampling to different depths
- Perfect for low interaction chemicals
- Sturdy so suitable for long term installation
- Collects a large amount of soil moisture in a relatively shorter period of time
- Sample stored in body, no separate jars
- Available in various lengths and diameters
- Sample collected by inserting a ‘catheter’.

Disadvantages

- Ceramic cups can affect the chemistry of compounds (such as Phosphorous, pH).

Specifications

- Measuring range: 0...850 hPa
- Reading accuracy: 2%
- Measuring accuracy: ± 2.5 hPa
- Soil volume used for measurement: 20 ml
- Maximum installation depth: 150 cm
- Type of soil: all.

Alternatives

Micro or Macro Rhizons or Electronic Tensiometer.