

Ikos Tensiometer curvo

Substrate water tension sensor



Description

Curved version of the Ikos Tensiometer for hydroponic crops in substrate bags. It measures substrate water tension from 0 to 1000 mbar to match irrigation to the real state of the bag.

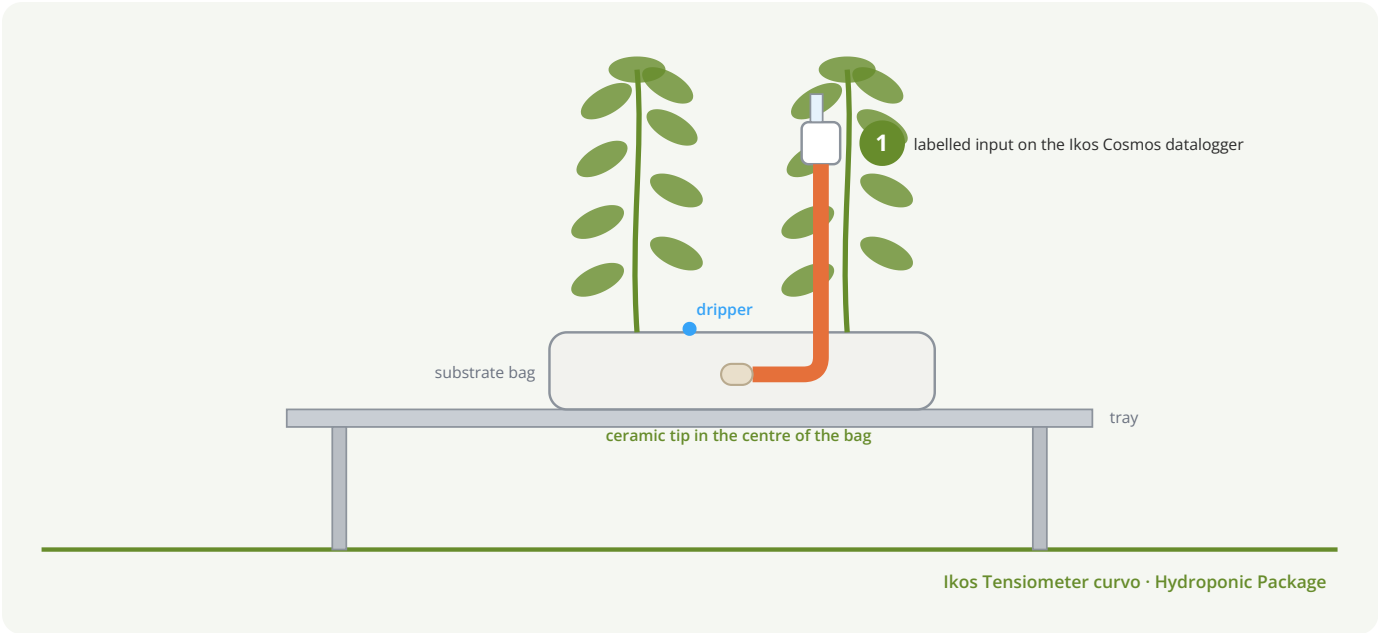
Features

- Continuous measurement from 0 to 1000 mbar with 0.5 % accuracy.
- 30 × 23 cm curved shape to enter the bag from above.
- Porous ceramic tip placed in the centre of the bag.

Technical specifications

Dimensions	30 × 23 cm
Measurement	0 – 1000 mbar
Power supply	5 V
Accuracy	0.5 %
Overload pressure	150 % FS
Temperature compensation range	–10 ~ 70 °C
Operating temperature range	30 °C ~ +70 °C
Zero temperature coefficient	0.3 % FS/10 °C
Material	PVC body; transparent PVC tube; porous ceramic tip

Installation



- Insert it into the substrate bag so that the ceramic tip sits in the centre of the bag.
- Connect it to its labelled input on the Ikos Cosmos datalogger.

Packages that include it

PACKAGE	UNITS AND POSITION
Hydroponic Package (Cosmos)	1 unit · ceramic tip in the centre of the bag