

Model: STG

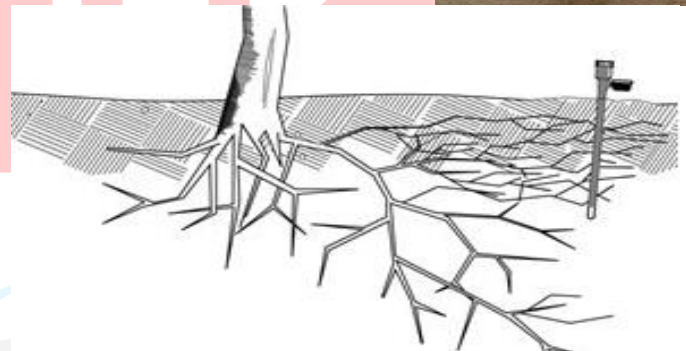
'Virtual' make tensiometer measures the force with which water is held in the soil by the soil particles. Scheduling irrigation based on how hard plant roots are working to draw water from the soil. This force, referred to as soil suction, tension, or potential, indicates how tightly the water is bound in the soil, and how much energy must be exerted by plant roots to remove and use the water. The basic components of a tensiometer include a porous ceramic cup, a plastic body tube, and a vacuum gauge. The ceramic cup is placed in good hydraulic contact with the soil and allows transfer of water into and out of the tensiometer body according to the tension in the soil. The vacuum inside the tensiometer body equilibrates with the soil water tension, and the dial gauge provides a direct readout of the tension.



Virtual make tensiometer is a simple, versatile, and inexpensive instrument which provides a direct measurement of soil water tension. The modular design allows easy replacement of the ceramic cup and dial gauge, and addition of extension tubes and the Service Cap. The tensiometer is available in a variety of lengths, ranging from 6 inches (15 cm) to 90 inches (2 m). Service kit required with Soil Tensiometers (Sold extra). These instruments function with the greatest accuracy when all air has been removed. One Service Unit will service multiple instruments

Optional accessories (sold separately)

1. Suction Pump
2. Soil Auger
3. Ceramic Cup



Ordering Guide:

SN	Description	Model No.
1	Soil Tensiometer Gauge Type	STG-x

***Please mention length of Tensiometer depth (x: 15, 30, 45, 60, 75, 90) along with your enquiry / Purchase order**



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Represented by:

**** Drawing / specifications are subjected to change at any time without prior notice as per manufacturing suitability.**