

The use of tensiometers in measuring the effectiveness of climate change adaptation practices for coffee (soil moisture)

Measurement tool: Tensiometer

Make and model: Irrrometer 12"

Description: The tensiometer is a tool developed to measure the amount of moisture in the soil by means of the actual tension of the water, that is to say the measurement of the effort required by a root system to extract water from the soil or water potential of the soil. There are different depths of instrument, which can be purchased and the selection should be based on where the greatest number of roots are located in the crop.

Use in agriculture: The tensiometer can provide relevant information on the amount of moisture available in the soil, which is essential for making decisions on how to preserve/increase soil moisture, whether by using shade, soil covers or others (e.g. polymers).

Data generated: Centibars (0-100 CB). Close to 0, higher humidity. Close to 100, lower humidity. It is important to take the table provided with the instrument into account depending on the type of soil.

The use of tensiometers in coffee growing:

Tensiometer	The use of tensiometers in coffee
	