

Product Name :
Sprinkler Infiltrometer

Product Code :
FUDE0038



Description :

Sprinkler Infiltrometer

Technical Specification :

Soil wettability is an important soil quality indicator because it has important agricultural and environmental impacts and is strongly influenced by land management practices. The measurement of soil wettability is generally done through pooled ring infiltration or simulated rainfall, each with specific advantages and disadvantages. It also allows simple and rapid measurement of soil infiltration, as this is an essential behavior for fully estimating spatial and temporal changes in infiltration.

The spray osmometer consists of a portable rainfall simulator, and is equipped with a 200 mm inner diameter permeation ring, and uses simulated rainfall within a predetermined rate range. The instrument allows the determination of several important soil hydrological properties: time-runoff, adsorption and field saturation, permeability.

