

EVAPORIMETER E200

The evaporimeter is a fully electronic sensor to measure the evaporation of water from a tank in a neutral environment. The data obtained, together with other parameters such as air temperature, solar radiation, air relative humidity and ground-wind velocity, gives information about the water content of the soil and consequent requirements. Such information are essential to fix the strategies and methods for the intervention over the territory. Major application is agricultural.

TECNOLOGY AND FUNCTIONING

The evaporimeter is constituted by a stainless steel tank placed on a painted wooden support; this is a material with a thermal capacity similar to the soil, and therefore able to reproduce unaltered conditions evaporation at ground level. Within this, a miniaturized depth gauge records the instant water level supplying a real time measurement of the evaporation.

The tank structure is designed to facilitate its maintenance: a plug placed on the bottom allows the deposited water flowing when periodical cleaning is done.

TECHNICAL SPECIFICATIONS

- Cylindrical "A" Class stainless steel tank (according to W.M.O. standard)
- Paint and seasoned wood support
- Working temperature: 0 ÷ 50 °C
- Size: tank 1210 x 255 mm, support 1220 x 1220 x 145 mm
- Weight : tank 16 Kg , support 57 Kg

