

**GSM 2G / 3G RAIN RECORDER with solar panel EP 1222****GSM 2G / 3G RAIN RECORDER with solar panel EP 1222**

The TECMES Pluviograph, Model EP 1222 is a device designed to record in a solid state memory, the precipitation detected by means of a tilting bucket.

The rain, collected by a catchment mouth of calibrated diameter, is conducted by means of a single-piece funnel to the internal receiver that discharges on a tilting bucket.

When you dump it, a magnetic contact (reed switch) without mechanical linkage with the bucket emits a digital signal.

This digital signal is sent to the solid-state recorder that is located under the platform that supports the precipitation sensor.

The equipment is supplied with the very easy-to-operate Model TP 02 software, which by means of an oriented menu allows the configuration of the pluviograph and the downloading of memory data.

It is also possible through this soft check the operation of the bucket or inspect the data already stored in the memory of recorded rainfall.

Its construction is robust and easy to install, requiring only a 45 mm tube for assembly.

The power is through a battery that is charged by a solar panel integrated into the equipment.

Optionally, a 2G / 3G GSM transmission can be provided to a server for access from anywhere with the Internet.

**SPECIFICATIONS**

<b>Sensor:</b>	<i>Tipping bucket</i>
<b>Sensitivity:</b>	<i>0,25 mm</i>
<b>Operation range:</b>	<i>0 – 300 mm/h</i>
<b>Orifice Diameter:</b>	<i>160 mm pickup ring</i>
<b>Accuracy:</b>	<i>4 % at 50 mm/h</i>
<b>Operating Temperature:</b>	<i>-20 to + 60°C</i>
<b>Insect protection:</b>	<i>Metal mesh in the funnel and in a water discharge</i>
<b>Detector:</b>	<i>Reed switch activated by a magnet</i>
<b>Recorder:</b>	<i>In nonvolatile memory</i>
<b>Autonomy:</b>	<i>14.000 precipitation data</i>
<b>Autonomy of Power Supply:</b>	<i>Unlimited</i>
<b>Leveling:</b>	<i>By level bubble</i>
<b>Building:</b>	<i>In stainless materials</i>

Optional: TS 1222 Recorder with 2G / 3G communication  
SAT2-P WEB application software  
EP0010 mounting tripod

*\*Other specifications and ranges available upon request.*

**FEATURED FEATURES**

- High reliability
- GSM 2G/ 3G
- High accuracy and autonomy
- Calibrated pickup ring
- Solid state memory
- Easy installation
- USB communication port
- EP0010 mounting tripod