



## RAIN RECORDER 2G / 3G TS 1240

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The TECMES Model TS1240 Pluviograph is a device for the measurement, storage and transmission of precipitation data 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.

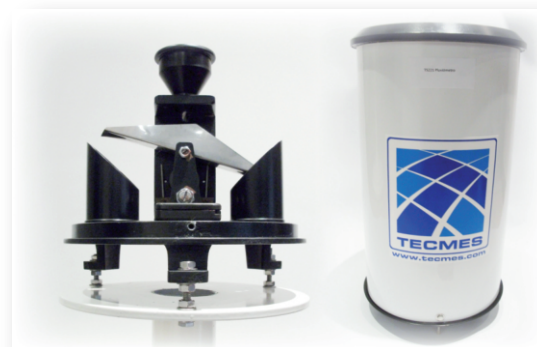
This digital signal is sent to the TS 2040 datalogger.

Its implementation optimizes energy use, operating with 4 alkaline batteries D achieving autonomies of up to 12 months (according to defined measurement and recording times).

Data transmission is done by 2G / 3G cell phone to a server with access by username and password.

In this way, data is accessed online from any site with an Internet browser simply through a username and password.

In this site you can access the latest data received, it is possible to download historical data, plot it between dates, view them on a map etc.



#### RAIN GAUGE 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>200 mm pickup ring</i>
<b>Accuracy:</b>	<i>±1 % to 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>

#### DATALOGGER SPECIFICATIONS

<b>Registration Period:</b>	<i>10, 15, 20, 60, 120, 360, 720 minutes</i>
<b>Registered Data:</b>	<i>Average during measurement time</i>
<b>Data memory:</b>	<i>30.000 records</i>
<b>Local connection:</b>	<i>USB port</i>
<b>Wireless connection:</b>	<i>RF o 2G / 3G</i>
<b>Power Supply:</b>	<i>4 Alkaline Batteries D</i>
<b>Autonomy:</b>	<i>Up to 12 months</i>
<b>Enclosure:</b>	<i>IP65 – suitable outdoors</i>
<b>Dimensions:</b>	<i>D: 210 x 160 x 110 mm</i>

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