



PEAK ENVIRONMENTAL MONITORING

*irrigation management
environmental monitoring
soil and water monitoring*

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PRONAMIC RRIGATION METER



This Irrigation Gauge is ideal to be mounted underneath a dripper line to monitor the efficiency of the irrigation system.

This sensor measures precipitation and irrigation by means of a self-emptying spoon, which tips when the preset water weight has been reached. Water is collected through a funnel with an orifice of 50 cm². The sensor maintains its accuracy over many years and can easily be recalibrated.

Its resolution will depend on its usage. If used as a rain gauge it will show precipitation with a resolution of 1mm. When used as an irrigation sensor the spoon will tip once it has accumulated 5g of water, which can easily be converted into a flow rate of e.g. liters/hour or gallons/hour.

All external parts of this sensor are made of Styrosun, a very durable material that can withstand both extreme frost and heat as well as the sun's UV radiation and agrochemicals. To avoid clogging of the funnel by bird droppings the orifice has a sharp edge to deter birds from landing on it.

The sensor comes complete with a pole mounting bracket, two pipe clamps, and a shielded 5m cable with a 7-pin Binder jack, compatible to all RTU's of the A723, A733 and A753 families.

Specifications

Resolution	1mm/ 5g per tip
Orifice in cm ²	50
Measuring device	Tipping spoon
Capacity / Minute	10mm / 4 in.
Weight	0.4 kg / 0.9 lb.
Material	Styrosun
Cable	5m / 16.5ft shielded
Operating temperature	-30°C ... +70°C
Connector	7 pin Binder