



WRG 100

## Features

- **Contact closure output**
- **UV resistant plastic**
  
- **Well proven tipping bucket method**
- **Compatible with DDC, loggers or event recorders**
  
- **Aerodynamic shape**
- **Corrosion free**
  
- **Minimal airflow interference**

## Application

A conventionally shaped rain gauge interferes with the airflow so that catch is reduced.

The WRG 100 aerodynamic rain gauge has been designed to minimise this effect by presenting a reduced side area to the wind.

## Technical Data

<b>Funnel diameter</b>	254mm
<b>Funnel rim height</b>	340mm
<b>Tip sensitivity</b>	Standard setting 0,20mm of rain per tip Other setting 0,25mm, if required
<b>Output</b>	Contact closure
<b>Power requirements</b>	None
<b>Maximum allowable current through reed</b>	300mA, non inductive
<b>Weight</b>	1000gram
<b>Approval</b>	The product meet the demand of CE

## Design Features

The Raing Gauge was designed by the institute of Hydrology, Wallingford, UK with a profile very similar to that derived theoretically and independently by the UK Meteorological office as an 'ideal' shape and is manufactured un UV-resistant plasti by vaccum-forming techniques which allow costs to be minimised while produing a very rugged instrument of comparable precision to gauges fabricated in other materials.

The ollected rain is measured by the well-proven tipping bucket method, which provides a contact closure at each tip.

This is compatible with all loggers or event recorders.

If required, we can also supply a single channel logger, which fits in a recess within th body of the gauge

## Ordering Codes

<b>WRG 100</b>	Standard Areodynamic Rain Gauge. No plug fitted
<b>WRG 100LX</b>	As above plus fitted plug to suit 1LX datalogger
<b>WRG 100EC</b>	Areodynamic Rain Gauge, 6m cable, suit for AWS use
<b>WRG BP</b>	Raing Gauge base plate, for easier mounting and levelling of raingauge WRG-series

