AERODYNAMIC RAIN GAUGE ARG100

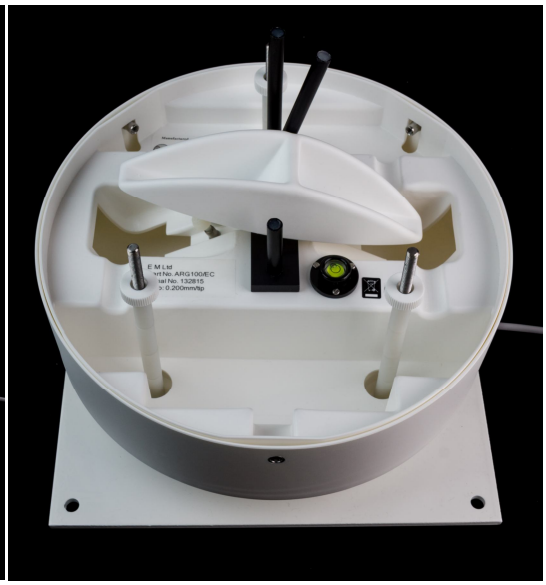
The cost effective ARG100 aerodynamic “tipping bucket” rain gauge has been designed to minimise the established effect of wind on reducing rainfall catch. The benefit of this is more accurate rainfall measurements compared to conventionally shaped rain gauges which catch less than the ARG100.

The unique shape of the ARG100 was designed by the UK Institute of Hydrology, this is an assurance of its quality.

EML manufacture and assemble this product in the UK and it is put through rigorous calibration procedures. The result of this process is a very rugged instrument, calibrated with precision, and capable of consistently recording accurate measurements in the field.

The ARG100 is compatible with all data capture methods including dataloggers and event recorders. If required, EML can also supply a small data logger which fits in a recess within the body of the gauge.

TECHNICAL SPECIFICATIONS



Funnel Diameter	:	254mm (10.0 inches)
Funnel Rim Height	:	340mm (13.4 inches)
Tip Sensitivity	:	Standard setting 0.20mm of rain per tip; other setting 0.25mm, if required.
Output	:	Contact closure.
Power requirements	:	None.
Maximum allowable current through reed	:	300 mA; non inductive.
Weight	:	1000 gms.

ORDERING INFORMATION

ARG100	Standard aerodynamic gauge. No plug fitted
ARG100/DT2	As above plus fitted plug to suit DT2-R data logger.
ARG100/EC	Aerodynamic gauge fitted with 6 metres of twisted pair cable. Suitable for AWS use.
ARG100/EC	Other cable lengths are available. Please contact sales for more details.

ACCESSORIES AND RELATED PRODUCTS

RGB1	Rain gauge baseplate, for easier mounting and levelling of gauge.
RMS1	Rain monitoring system, includes ARG100, RGB1, DT2 logger and Cable.
RMS2	Rain monitoring add-on systems, includes ARG100, RGB1, DT2 logger.