

KALYX-RG AERODYNAMIC RAIN GAUGE



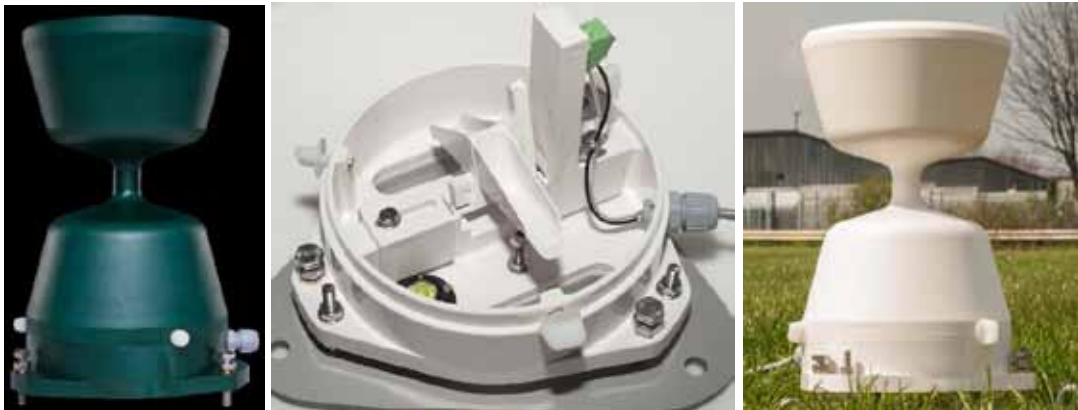
The Kalyx-RG: Designed for weather hobbyists or Hydro-Met projects worldwide.

The Kalyx-RG is our recommended solution for amateur meteorologists and hobbyists or for project work on a budget, but still require scientific standard rain data. The gauge is based on the physical size of the traditional 5" Met Office rain gauge with EML's unique aerodynamic profile. The Kalyx-RG is a compact solution, an ideal rain measuring instrument for the garden, allotment, or cost-conscious professional.

The Kalyx-RG is available to purchase in White or Green - both complete with a standard low density plastic tipping bucket calibrated to 0.2mm resolution. Both colour gauges are produced from UV stabilised external materials.

Traditional cylinder-shaped rain gauges are inaccurate due to the effect of wind blowing over the orifice. The physical presence of the gauge causes air to accelerate, carrying rainfall away from the collecting vessel. The effect of this can be up to a 20% reduction in rainfall catch. The unique aerodynamic shape of the EML range of scientific standard rain gauges reduces this effect, ensuring a high level of confidence in the accuracy of our measurements.





This product will be ideal for anyone who has ever wondered how much rain has fallen in their back garden or allotment. The gauge will come with the option to transmit measured data via wireless communication to a PC or mobile device and it will be displayed on a simple and clear user interface (coming soon!).

TECHNICAL SPECIFICATIONS

Dimensions	Height (no baseplate) = 225mm, Height (max) (with baseplate) = 245mm, Funnel diameter = 127mm (5"), Funnel Area = 12,668mm ²
Tip Sensitivity	0.2mm rain per tip
Output	Contact closure (reed switch)
Typical accuracy	98%+ at 20mm/hr, 96%+ at 50mm/hr, 95%+ at 120mm/hr (above 120mm/hr we recommend mathematical correction – Contact EML)
Rainfall Intensity	Up to 1000mm/hr (with mathematical correction – contact EML)
Weight	700g (without baseplate), 1Kg (with baseplate)
Colour	Available in white or green

ORDERING INFORMATION

Order Code	Product
P-780-701	Kalyx-RG Rain gauge White Standard
P-780-702	Kalyx-RG Rain gauge White + 6 Mtrs of cable
P-780-703	Kalyx-RG Rain gauge Green Standard
P-780-704	Kalyx-RG Rain gauge Green + 6 Mtrs of cable

ACCESSORIES AND RELATED PRODUCTS

Order Code	Product
P-780-780	Kalyx-RG Baseplate
P-780-781	Kalyx-RG Baseplate for mast mounting applications