

## Specification Sheet

### McCrometer CONNECT Rain Gauge RG1 200 And RG1 400



RG1 200



RG1 400

McCrometer CONNECT offers two rain gauges compatible with the A723 and A75X and series field stations, both are suitable to operate in numerous agricultural applications and withstand harsh environmental conditions. Both units can be mast or floor mounted, and feature a double bucket system. The steep angle of the buckets makes water run off quickly, preventing the build-up of residue, like sand or dust, in the buckets. The rain gauges come complete with all mast mounting equipment and a shielded 1m cable with a 7-pin Binder jack.

The RG1 200 rain gauge will maintain an accuracy of within 2% in rain falls up to 60mm (2.36 in.) per hour. The RG1 200 rain gauge is for use with the McCrometer CONNECT A723 and A75X Field Monitoring Stations.

The RG1 400 rain gauge will maintain an accuracy of within 2% in rain falls up to 30mm (1.18 in.) per hour. The RG1 400 rain gauge is for use with the McCrometer CONNECT A723 and A75X Field Monitoring Stations.

#### Specifications

	RG1 200	RG1 400
<b>Resolution</b>	0.2 mm	0.1 mm
<b>Orifice</b>	200 cm <sup>2</sup>	400 cm <sup>2</sup>
<b>Measuring Device</b>	Double tipping buckets	Double tipping buckets
<b>Capacity/Minute @ Accuracy</b>	Up to 1mm (0.4") at ±2%; 1- 2 mm (0.4 to 0.8") at ±5%	Up to 0.5mm (0.2") at ±2%; 0.5 - 2 mm (0.2 to 0.8") at ±5%
<b>Output Signal</b>	One pulse per tip	One pulse per tip
<b>Reed Switch Potential</b>	Free reed switch, fully sealed, made by Meder, Germany, >1 million operations	Free reed switch, fully sealed, made by Meder, Germany, >1 million operations
<b>Weight</b>	0.5 kg / 1.1 lb.	0.75 kg / 1.5 lb.
<b>Material</b>	Anodized aluminum	Anodized aluminum
<b>Cable</b>	PUR, shielded, 1m / 3.3ft	PUR, shielded, 1m / 3.3ft
<b>Connector</b>	7-pin Binder M9 male	7-pin Binder M9 male
<b>Operating Temp.</b>	Freezing point to 75°C (167°F)	Freezing point to 75°C (167°F)
<b>Heating</b>	Not available	Not available

