

OSC 971OB100Series Tipping Bucket Rain Gauge

<Brief introduction>

As a hydrological and meteorological observation instrument, Model OSC 971OB100Series Tipping Bucket Rain Gauge is used for rainfall data collection, management, register and display with signal output by switch.



OSC 971OB 100A

<Applications>

- Integrated with systems of data collection, Registering, and processing.
- Integrated with automatic systems of hydrological measuring and forecasting, it is applied in hydrological telemetry and reporting in special station network.
- Integrated with logger or display, it is applied in basic rainfall stations, meteorological observatories, and stations established by scientific research departments.
- OSC 971OB100A tipping bucket rain gauge is applicable to areas of more than 800mm yearly average precipitation for many years, flood seasons rainfall stations, and non-man rainfall stations.



OSC 971OB 100B

<Specifications>

Model	OSC 971OB 100Series
Orifice Size	$\Phi 200\text{mm}^{+0.60}$. Cutting edge: 40-45°
Resolution	0.5mm OSC 971OB 100B
	0.2mm OSC 971OB 100A
Rain Force Range	0.01~4mm/min
Contact constant	$U \leq 12\text{VDC}$, $I \leq 120\text{mA}$
Switch life	1×10^7 times
Operating temperature range	-10~+50°C
Operating humidity	$\leq 98\%RH$ (+40°C Condensation)
Diameter of outer housing	$\Phi 290\text{mm}$ (Around three mounting holes)
Dimensions	$\Phi 210 \times 540\text{mm}$ (Above mounting feet)
Weight	Approx.4kg