

# RAINGAUGE



**ORDINARY RAINGAUGE**



**SELF RECORDING RAINGAUGE**

Rainfall measurement is used for the fields of agriculture, irrigation, design of water-ways, flood control and power generation and in the conservation of water resources on both national & international scales. There are 2 types of raingauges available :

(1) Non-recording Raingauge (IS 5225) and (2) Self Recording Raingauge : SRRG ( IS 5235 )

The Collector and Base are made of FRP (Fibre) with Smooth Surface finish with long life. The Non-recording raingauge consists of a rain water collector and a measuring bottle having markings on it. By manually inspecting the level of water in the bottle the measurement is done.

The Self Recording Raingauge (SRRG) consists of a rain water collector and a rainfall recording mechanism mounted on a base. The rainfall measuring unit consists of a float chamber containing a light metal float and a siphon chamber. The chart is wound on rotating drum driven by mechanical clock which rotates 1 revolution in 25 hours. The float rises as per the rainfall & so the recording pen also rises plotting a line of on the chart. When the siphon chamber is filled completely, the water in it drains out completely called "Siphoning". When siphoning occurs, the pen fixed on the float rod falls to the zero mark on the chart and the gauge is ready to record rainfall again. There are also 10 mm & 25 mm ranges available as per requirements.



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Mfg. of : Hydrological, Meteorological, River Gauging & Weather Equipments

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