

# Anemometer Cup Type



The 'Instrumex' make Cup Type Anemometer measures total run of wind passing at the point of observation through Mechanical Counter of the range 0 to 9999.9 km with measuring range 0 to 1200 meter per minute. The counter unit is housed in a metal box with a top cover. Incorporated in the front is a window through which the digits can be observed. The steel vertical spindle carries the cup assembly and drives the lay shaft by worm and wheel, the worm being pinned onto the spindle. The unit can be calibrated to read km/hr necessitating a change of worm and wheel configuration. The cup assembly mounts on the top of the spindle and revolves anti-clockwise viewed from above. A socket tapped 1/2" BSP female below the casing is used to mount the counter. Brass, copper, stainless steel and plastics are used throughout the instrument to ensure freedom from corrosion and a long working life. A conical shield protects the upper spindle bearing from precipitation. No maintenance required because bearings are self-lubricating. Cup Type Anemometer is manufactured as per IS:5912:1970

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## Measurement

**Average Wind Speed (Km/Hr) = (Current Reading – Previous reading) / No of Hours of Observation**

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**Represented by**

**\*\*Drawing/specifications are subjected to change at any time without prior notice as per manufacturing suitability.**

