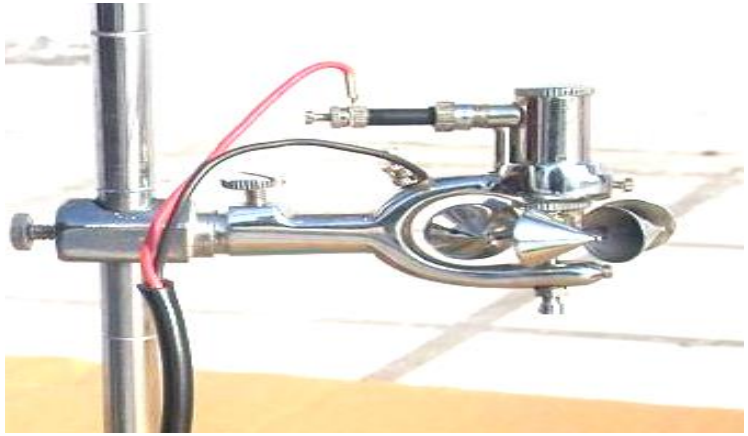
Cup Pigmy Type Water Current Meter



Instrumex make Pigmy Type water current meter along with Micro-controller based Digital Counter or Water Velocity Indicator has been designed to measure the Velocity of water in a flowing stream or open Canal. It comprises a Pigmy Type Water Current Meter with wading Rod and & Digital Counter / Digital Water Velocity Indicator (As per Customer Requirement). Water Current Meter employs a bucket wheel assembly that is mounted upon a shaft and rotates in response to fluid flow, generating a signal that is proportional to the fluid flow velocity. The current bucket wheel assembly is made of plated brass. It employs six hollow conical cups that are hand formed from sheet metal and individually soldered to a brass, star-shaped frame. The finished unit is then plated. The frame is shaped so that a strut connects the apex of each cup to the outer diameter of the following cup around the frame.

The pygmy Water Current Meter can be suspended by wading rod from an overhead structure. Velocity is determined by counting the number of revolutions of the bucket wheel over a given period of time. Revolutions can be monitored by several means (sold separately).

Cup Pigmy Type Water Current Meter

Specifications

Model:	**Pygmy**
Current meter body:	All parts of brass, chrome plated
Operating Range:	0.3 to 3.5 meter per second
Accuracy:	For velocities upto 0.3 m/s, 1% Full scale, For velocities >0.3 m/s, 0.5% Full Scale
Contact chamber	Magnetic
Dimension	Bucket end diameter: 2.0 inch,
Rates spin test	> 75 seconds
Accessories	Instrument oil, cleaning cloth, screwdriver with wading Rod rugged wooden carrying case.

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Represented by

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