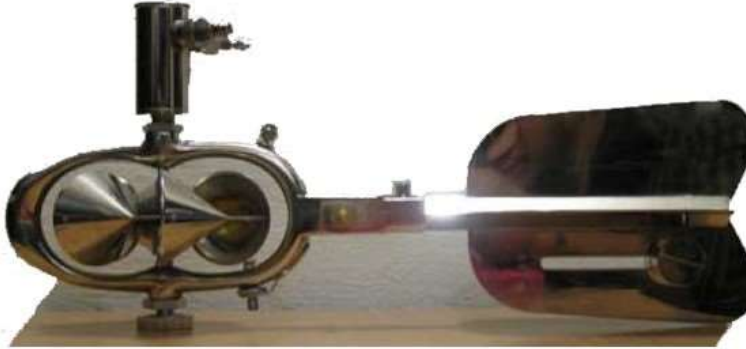


VERTICAL AXIS CURRENT METER	SI-WCM-004
	SysTel INDIA Model SI-WCM-004-006 is specially designed for measure velocity of water flow directly in meter/second. The stainless steel spindle carrying the cup wheel freely rotate in the in bearing assembly. The magnet and reed assembly produces one pulse per rotation. The rotation of water current meter is sensed by sensors and gives pulsed out signal.
The vertical axis current meter employ a bucket wheel assembly that is mounted on a shaft in response to fluid flow, generating a signal that proportional to the fluid flow velocity. The current bucket wheel assembly is made of plated brass. It employs six hollow conical cups that are made from sheet metal and individually soldered to a brass, star shaped frame. The Vertical Axis Water Current Meter can be suspended by means of a Fish Weight while wading a stream, or by a cable and wading rod from an overland structure. A tailpiece assembly assures proper alignment of the meter to water flow when suspended by a cable. The velocity is determined by counting the number of revolutions of the buck at wheel over a given period of time. With the help of our “Digital Water Velocity Indicator/Logger” by configuration of the indicator with calibration equation (provided by each meter), it will result the director current velocity of the stream in meter per second. The meter is made from brass and stainless steel and all exposed surface are chrome plated for corrosion free service. Each Vertical Axis Water Current Meter is provided with a standard rating table to covert bucket revolutions to stream velocity in English (meter per second), spare parts, instrument oil, cleaning cloth, screwdriver and a rugged carrying case.	

SPECIFICATIONS:	
Materials	All parts of brass & Chrome plated
Operating range (Meter / second)	0.1 to 6
Accuracy (Min. depth required)	2%
Cable suspended	18"
Rod suspended	6"
Dimension (Bucket open end dimensions)	2"
Bucket Diameter	5"
Counter	Digital Water Velocity Indicator (Optional)
Accessories	Instrument oil, cleaning cloth, screwdriver and rugged wooden carrying case.