

Water Velocity Measuring Instruments

Pygmy Type Water Flow Meter (RK-03)

Product Description

Pygmy Type Water Flow Meter has been manufactured to meet the requirements of **IS: 3910:1966** for measuring flow of water in shallow streams, Irrigation Channels and minor canals where the depth of water is insufficient for obtaining measurements with standard current meter. It is also used for making velocity measurements of hydraulic models. The meter is highly sensitive to low velocities.

Specification

Semi Conical copper cups minimum 127mm in diameter fixed to central spindle by three brass rods.

Sensor	:	Sensor type 6 cup wheel contact every one
Revolution	:	Range 0.015 to 1.5 m/s (starting up to maximum operational velocity)
Accuracy	:	Velocity up to 0.3m/s: 1% Full scale and velocity >0.3 m/s : 0.5 % FS
Contact chamber	:	magnetic or optic fiber

The Current Meter consists of the following accessories

- A. Direct Velocity Counter (DVI-V1).
- B. Wire Rope 10 meter long with connecting clip.
- C. **Tool Kit:** - a. Screw Driver-2 Nos.
b. Spanner Wrench-1No.
c. Oil can with machine oil-1No.
d. Duster-1No.
- D. **Suspension:** - wadding rod total length 1.20 m, graduation in cm.
- E. Government approved Calibration Certificate.

Packing

The Water Flow Meter with items are packed in a polished wooden box, wire rope, with necessary nuts and bolts is packed Separate.



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