

**Registered with**

- Directorate of Industries Uttarakhand State Valid SSI No. 050131102052 dt. 27/09/2018 valid forever
- N.S.I.C. New Delhi under single point permanent Registration No. NSIC/GP/RS/R-8/ROORKEE/U.A./86
- M.S.M.E. Udhog Aadhaar No. UK06A0002499

**Regd. Office:**

699, West Amber Talab, Old Railway Road,  
Near Mathura Vihar, Roorkee - 247 667 (U.Kh.)

**Correspondence Address:**

240/1A, Poorva Deen Dayal, Old Railway Road,  
Roorkee - 247 667 (U.Kh.)

Email : roorkeeindustries@yahoo.com  
roorkeeindustries@gmail.com  
Website : www.roorkeeindustries.net  
www.roorkeeindustries.in



Tel. (01332)262746, 266029  
Mob: 9810709026  
PAN: AAXFR9819D  
GSTIN: 05AAXFR9819DIZN

# ROORKEE INDUSTRIES

(Gold medal winner in Quality Marketing Scheme Competition)

**Manufacturers, Repairers and Suppliers of:**  
Meteorological, Hydrological, Scientific, Agri-Research, Surveying,  
Drawing, Mathematical, Soil and Cement Testing Instruments

battery operated quartz clock. The drum rotation may be selected to be daily, weekly or monthly depending upon the clock assembly.

**Unit Price: Rs. 18,000=00 (Rupees Eighteen Thousands only)**

## PIGMY CUP TYPE CURRENT METER WITH DIRECT VELOCITY INDICATOR: Our own manufactured "Liberty" make

The indigenous Pigmy water current meter is used for determining the velocities of flowing water in shallow low velocity streams. It is suitable to measure the water velocities up to 1.0 m/sec. It has been manufactured to meet the requirements of IS: 3910 and supplied duly calibrated from Govt. Research Institute. Complete unit with standard accessories.



**With Time/Revolution Counter: Rs. 18,000=00 (Rupees Eighteen Thousands only)**

**With Direct Velocity Meter: Rs. 20,000=00 (Rupees Twenty Thousands only)**

## FLOW PROBE OF GLOBAL WATER USA: (IMPORTED)

Ideal for storm run-off studies or flow measurements of rivers, streams, canals, and sewers. Incorporates true velocity averaging for the most accurate measurement possible. The probe shaft is available in lengths that extend from 3' to 6'. Located on the bottom tip is a protected Turbo-Prop sensor which uses the most advanced positive displacement technique available. For minimal friction, this 2" Turbo-Prop sensor rotates freely on a bearing shaft with no mechanical interconnections. Magnetic material in the propeller passes a pickup coil in the housing producing electrical impulses. These electrical impulses are then carried by wire to a readout display on top of the handle. This readout display amplifies and converts the signal into feet/meters per second readings. Instantaneous velocity and true average velocity are then displayed. A unique two-button keypad allows other functions to be displayed including minimum/maximum velocity, time-of-day, timer, totalizer for batch flows, and RPM for accurate low velocity measurement. Features a 30-record memory, padded gun-type carrying case, long life watch-type batteries for readout display (no battery required for Turbo-Prop), and low battery indicator.



### Specifications:

- Range: 0.3 to 19.9 FPS (0.1 to 6.1 MPS).
- Accuracy: average velocity  $\pm 0.1$  FPS, instantaneous velocity  $\pm 0.5$  FPS.
- Averaging: true digital running average. Updated once per second.
- Display: LCD Glare and UV Protected.

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- Data logger: 30 sets, MIN, MAX, and AVG
- Features: Timer, Low battery warning; Control: 4 button
- Sensor Type: protected Turbo-Prop propeller with electromagnetic pickup.
- Size: probe expands from 3' to 6', sensor housing is 2" in dia. x 3"L.
- Materials: PVC handle and propeller housing, anodized aluminum shaft, brass bearing.
- Power: Internal Lithium Battery, Approx 5 year life with typical use, Non-Replaceable
- Operating temperature: -20° to 70° C.
- Carrying Case: The Flow Probe is shipped in a padded carrying case.

**Unit Price: Rs. 1,25,000=00 (Rupees One Lakh Twenty Five Thousand only)**

## USDH-48 DEPTH INTEGRATING SUSPENDED SEDIMENT SAMPLER: Our own manufactured "Liberty" make

This sampler is used in shallow streams when the product of the depth (in feet) and velocity (in feet/sec) does not exceed approx. 10. This sampler is used with wadding rod suspension. This sampler has a bottle for collecting the sample.



**Unit Price: Rs. 40,000=00 (Rupees Forty Thousands only)**

## PORTABLE GROUND WATER LEVEL METER: IMPORTED SEBA MAKE

The water level Meter/Indicator (Sounder) has been designed for water level measurements in wells and deep bore wells. Sounding apparatus with acoustic and light signal, measuring range up to 100 m, reading accuracy better than 1 cm, with carrying frame. It has a steel probe connected with the **flat permanently marked polyethylene tape, having markings at every centimeter**. The dimension of the probe is such that it can easily be inserted in a gap of 2 centimeters. The wire is wound on a well balanced reel/spool, made of PVC having a handle to fasten the wire. The probe is lowered into the stream or well or bore well, as the tip of the probe touches the surface of the water; an in-built electronic circuit indicates contact with water by sounding a beep. Depth is read from the attached tape having graduations at every centimeter.

### Features:

- Tape Material: Polyethylene virtually non-expandable and corrosion proof
- Probe Diameter: 14-15 mm makes suitable for the narrow hole
- Signal: Audio alert beeper and LED indicate contact with the water
- Battery : 4 x 1.5V battery
- Tape Graduation: 1 cm marked; Tape marked in cm, dm & m
- Tape length: 100 meter; Accuracy: 1 cm
- Tape type: Flat tape dual core wire