



LAKSHMI ENGINEERING WORKS

Mfg & Supp of: Soil, Cement and Concrete Testing Equipment, Survey, Drawing, Hydrological, Metrological, Geological, Scientific Instruments **(All type of Water Current Meters)**

172(NEW329), Maktoolpuri, Roorkee- 247667 Distt.-Haridwar (Uttarakhand) INDIA

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Dear Sir,

Subject: PORTFOLIO OF M/s LAKSHMI ENGINEERING WORKS

We take pleasure to introduce ourselves as registered manufacturers & supplier of all kinds of Hydrological & Metrological Instruments as well as River Gauging Instruments.

We are supplying these items to all Government and Semi Government Departments with their entire satisfaction. We are also doing the repair works of these instruments at our workshop. Our all instruments covered a guarantee for one year from the date of supply.

You are therefore requested kindly enlist our firm name on your mailing register & enquire us of our quality instruments, so that we may quote the most competitive prices.

Thanking You

Yours Faithfully

PRAVEEN KUMAR

For **M/s Lakshmi Engineering Works**

BRIDGE OUTFIT

We are the prominent manufacturer and supplier of excellent quality Crane Bridge Outfit. Offered system is designed and manufactured by adroit professionals using world class aluminium and is equipped with 4 wheels with solid rubber tyres for easy movement. Checked on various quality parameters, this system is available in various technical specifications as per the clients' requirements at very nominal price.

Features:

- High performance
- Sturdy construction
- Durable finish standards

Description:

The Bridge Outfit - Crane is manufactured as per IS 6064-1971. The bridge outfit is to suspend current meters and samplers from a bridge into a river or canal.

The crane is made of Aluminium structure. Winch arrangement (gauging Reel) is fitted on the Crane. The current meter is lowered or lifted by Gauging Reel easily. The Gauging Reel contains crank, brake, ratchet/catch, re-settable counter (for measuring depth of current meter in water).

The crane trolley has 4 wheels with solid rubber tyres for easy movement. The cable from which the current meter is suspended has incorporated insulated electrical conductor. The conductor connects the flow sensor revolution sensor switch to the pulse counter or Datalogger.

4 Wheel Crane:

The modified Bridge Outfit - Crane is manufactured as per IS 6064-1971. The bridge outfit is used to suspend current meters and samplers from a bridge into a river or canal. The crane is made of aluminium structure. Winch arrangement

(gauging Reel) with handle is fitted on the Crane. The current meter or Sediment Sampler is lowered or lifted by gauging reel easily.

The crane trolley is collapsible & has 4 wheels with solid rubber tyres, folding handle for easy movement & capable of handling upto 68 kg. of sounding weight. The cable from which the current meter is suspended is incorporated insulated electrical conductor. The conductor connects the flow sensor revolution sensor switch to the pulse counter.



LIST OF EQUIPMENTS AVAILABLE WITH US:

- Automatic Weather Station
- Digital Rainfall Recorder
- Digital Rain Gauge
- Digital Evaporation rate recorder
- Automatic Soil Erosion Monitoring System
- Digital Snow Water Equivalent recorder
- Digital Solar Radiation Recorder (Pyranometer)
- Digital Water level Recorder
- Digital Water level Recorder (Pressure type)
- Digital Water level Recorder (Ultrasonic type)
- Water velocity indicator without sensor
- Water Current Meter
- Soil moisture indicator with sensor
- Soil moisture and temperature recorder
- Leaf Wetness, Air temperature and Humidity recorder
- Plant Canopy Analyzer
- Suspended Solids Indicator
- Digital Soil Tensiometer
- Soil Infilltrometer
- Water Level Indicator
- Cup Counter Anemometer (Mechanical Type)
- Wind Vane (Mechanical Type)
- Open Pan Evaporimeter
- Ordinary Rain Gauge
- Tree Height Gauge
- Stevenson Screen (Single)
- Stevenson Screen (Double)
- Aneroid Barometers
- Sunshine Recorder
- Punjab type Silt Sampler
- Winch (80 Kg)
- Maximum - Minimum Thermometer
- Wet & Dry Thermometer
- GPS
- Temperature and humidity sensor
- Wind speed sensor
- Wind direction sensor
- Rainfall sensor
- Water temperature sensor
- Soil temperature sensor
- Solar radiation sensor (Silicon)
- Atmospheric pressure (Barometer) sensor
- Water level sensor (Shaft encoder)
- Water level sensor (pressure)
- Water level sensor (Ultrasonic)
- Evaporation sensor
- Soil moisture sensor
- Snow Water Equivalent (Snow Gauge)
- Leaf Wetness sensor
- Digital Soil Tensiometer sensor