



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

Mobile: 09759467802, Email ID:- lakshmiengworks.in@gmail.com

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.

Thanks & Regards

Praveen Dhiman

Lakshmi Engineering Works

Maktoolpuri, Roorkee- 247667 Uttarakhand, India.

Mob: +91-9759467802, +91-9759467862.

Email: lakshmiengworks.in@gmail.com,

saleslakshmiengworks@gmail.com

Website : <http://www.universalwatercurrentmeter.com>

High Precision Horizontal Paper Tensile Tester

1. INTRODUCTION:

High precision Horizontal paper tensile strength tester is used to measure paper (especially tissue paper), aluminum foil, aluminum, etc. for tensile strength, tensile absorbed energy index, elongation, breaking length etc.

- 1) Tensile force, tensile strength, fracture length, tensile energy absorption, tensile index, tensile energy absorption index of paper
- 2) Tensile force, tensile strength, peel strength and elongation of foil and aluminum polymer tape
- 3) Tensile strength, elongation and tensile modulus of elasticity of plastic membrane
- 4) Heat-sealing strength, tensile strength and peel strength of food packing bags
- 5) Adhesive strength, edge strength, tensile strength and elongation of sanitary napkins
- 6) Peel strength and tensile strength of pressure sensitive adhesive tape
- 7) Fracture strength and elongation of synthetic fiber
- 8) Easy slide degree of pulling chain.

2. APPLICATIONS:

Paper (specially tissue paper), Newsprint as well as Packaging Papers, Liner, Medium, Foils, Low elongation films, Plastic film

3. STANDARDS:

ISO1924-2,GB/T12914

NO.	ITEM	SPECIFICATION
1	Power supply:	AC220V±10%, 2A 50Hz
2	Accuracy:	±1%
3	Resolution:	0.1N
4	Force value resolution:	0.1N (0.01N for 0.6-30N testing range.)
5	Testing range:	0.6-30N(for toilet paper)/2-100N/6-300N
6	Work speed:	≤300.0mm/min (digital adjustable)

7	Chuck space:	20-300mm (digital adjustable)
8	Human machine interface:	LCD screen, tensile curve display at real time
9	Communication output:	Standard RS232
10	Printer:	Built-in micro printer



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