



## 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**)

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### 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

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

# Vertical Paper Tensile Strength Tester

Our Vertical Paper Tensile Strength Tester is designed and produced according to ISO and National standards.

1. Tensile tester: Tensile force, tensile strength, fracture length, tensile energy absorption, tensile index, tensile energy absorption index of paper
2. Tensile strength tester: Tensile force, tensile strength, peel strength and elongation of foil and aluminum polymer tape
3. Tensile tester: 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.

## APPLICATION:

Paper, Newsprint, Cartons board, Packaging Papers, Liner, Medium, Foils, Low elongation films, Plastic film

## STANDARDS:

ISO1924/2

## SPECIFICATION:

1. Power supply: AC220V 2A 50Hz
2. Measuring range: 0~300N

3. Testing speed: 1.0~400.0 mm/min (Can be adjusted digitally)
4. Interval of clamping heads: 20~350 mm (Can be set digitally)
5. Resolution: 0.1N

#### FEATURES:

1. Vertical structure with selectable velocity between 1~400mm/min
2. Large tensile running distance. It can elongate for 350 mm.
3. High speed return after the test, which can improve the test efficiency. (The return velocity can be set by user.)
4. Imported step motor with servo control adopted, which can locate precisely. (The interval of clamping heads can be set by user, which has high precision.)
5. The test result can be measured, statistical and printed automatically and the data can be saved.
6. Blue color LCD display, which can be display the tensile time and loading force real time, as well as tensile graph.
7. New PC software able to manage and analyses data and can communicate with PC.
8. Thermal printer, high speed and no noise.
9. Use the modern design idea of mechanical and electrical integration



## 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 Infiltration Meter
- 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