



ELECTRONET

NETWORKING MEASUREMENT SOLUTIONS

Flow

Pressure

Level

Temperature

Smart
Digital
Water Meters

Analytical

Indicators






who we are?

Incorporated in 1993, Electronet has emerged a key player in the Indian instrumentation and automation business. Our goal is to establish ourselves as a key player in the global arena, especially process control instruments which cater to power plants (nuclear, thermal, wind, hydro & gas based), fertilizer plants, refineries, chemical, petro-chemical, cement, pulp & paper, sugar, pharmaceuticals, gas, water & water treatment plants, atomic research stations and so on.

We are Process Control Instruments manufacturing company which manufactures Electromagnetic Flow Meters, Ultrasonic Flow Meters, Turbine Flow Meters, Battery Operated Flow Meters with GSM / RF, Digital Water Meters, Level Transmitters / Switches, Pressure Transmitters / Switches, Temperature Transmitters / Switches, pH / Conductivity / ORP / DO Transmitters, Loop Powered Indicators, Signal Isolators etc.



Our strength is research & development with indigenous manufacturing process has made us a formidable player in customized instrumentation.



Closer to **Customers** Worldwide

Establishment

Year 1993

Number of Employees

Engineers 85
Workers 35
Office Staff 40

Annual Production Capacity

Flow Meters : 1,00,000
Pressure Transmitters : 20,000
Level Transmitters : 20,000

Plant Area

Unit 1: Kondhwa
12,000 sq. ft.
Unit 2: Kesurdi
44,000 sq. ft.

Export

Australia
Indonesia
Malaysia
UAE
Thailand
Egypt
Romania
Kuwait
Bangladesh
Japan

Annual Turnover

4 Million USD

Certification

ISO 9001:2015
NABL accredited LAB

25
Years
Of Excellence

Quality Policy



“We, at Electronet Equipments Pvt. Ltd., Pune, as a family commit ourselves to grow in our business to satisfy our customers through timely delivery of Innovative, Competitive & Reliable Process Control Instruments. This will be achieved through Rigorous R&D and Continual Improvement in our people, Processes and Quality Management System in accordance with the latest International Standard ISO 9001:2015”

Production Process

In order to design high quality instruments with High MTBF the process consist of Inward Quality Control (IQC) and Quality Assurance Plan (QAP).

Developed products goes through following tests

EMI / EMC
As per IEC 61000

Climatic Test
As per IS - 9000 (Part 3 & Part5)

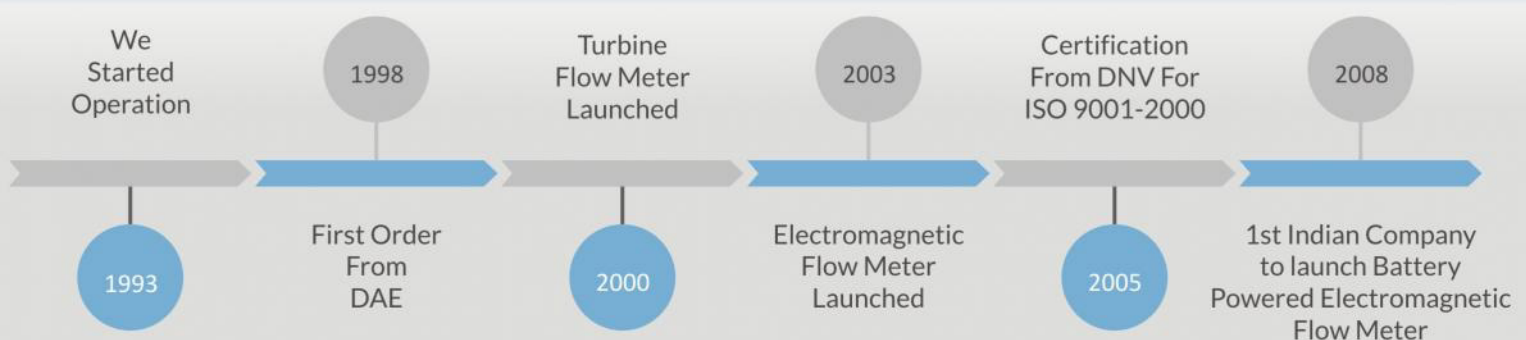
Seismic Test
As per IEEE - 344

IP Protection
As per IEC - 60529

Hydro Test
As per ASME Section 8



Our Milestones



Industries We Serve

Food
Industry



Automation
Industry



Chemical
Industry



Thermal
Power
Energy



Atomic
Energy

Manufacturing
Industry



Process
Industry



Water
Treatment
Industry



NABL
Received for
Flow Calibration Lab

2013

Bagged Biggest
Order From
Bhavini

2015

New Factory
For Water Meters
Manufacturing

2012

Ultrasonic
Flow Meter
Launched

2014

Ultrasonic
Water Meter
Launched

2017


Still On
The Way !!



Flow (NABL Accredited)

Pressure (NABL Accredited)

CALIBRATION SERVICES



Accurate measurements play a vital role in production of a high quality product. The effectiveness of the quality control steps depends directly on the accuracy of the test and measuring instruments (TMI) can yield test results and the production team's confidence on it.

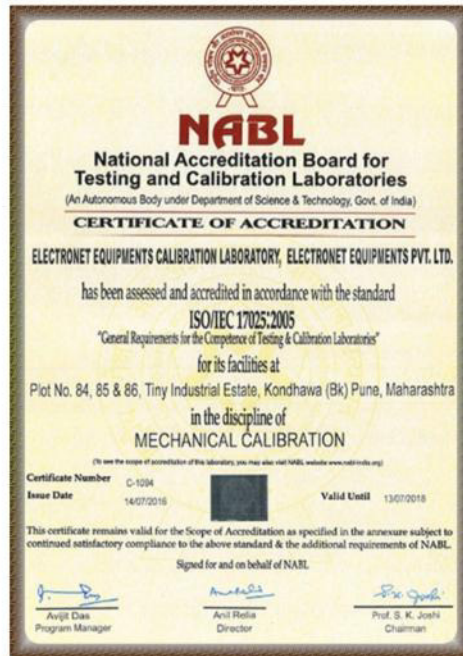
Periodic calibration of test and measuring instruments is very essential to ensure reliability. Further due to worldwide exchange of goods, products, interchangeability of components and parts, it is important that the measurement represents the same quantity everywhere.

With the state-of-the-art calibrating facility, Electronet's Calibration laboratory serves as a support hierarchy in establishing traceability to the national standards. Electronet calibration laboratories also provide assistance to organizations in establishing calibration laboratories and systems as per international norms.



NABL
ACCREDITED
CALIBRATION
LABORATORY

NABL
CERTIFICATIONS



NABL
ACCREDITED LAB
C-0818 / C-1094



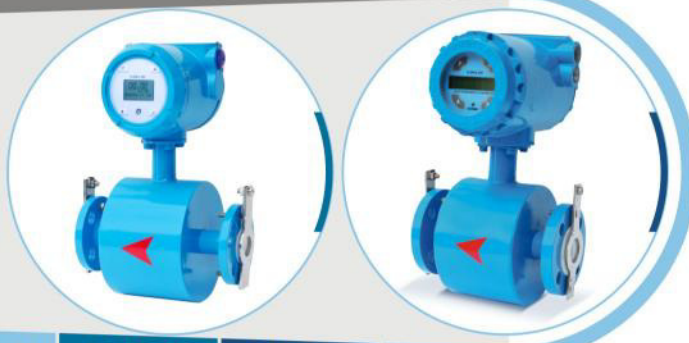
Electronet is the largest manufacture in the field of Flow, Pressure, Temperature & Analytical instruments since 1993. Our state-of-the-art manufacturing plant is well equipped with latest infrastructure and certified as ISO 9001:2015. Our contribution to the global market offers a technical expertise in measurement & monitoring of crucial process parameters for Water & Waste Water Management, Water Infrastructure, Food & Beverages, Pharmaceuticals, Chemical & Fertilizers, Paper & Pulp, Cement, Metals & Metal Processing, Oil & Gas, Power, Renewable Energy & Bio-Gas and Atomic & Nuclear Energy sectors.

Stringent quality control is followed at each stage of manufacturing and test & calibration certificates are provided by our in-house NABL accredited laboratory.

ELECTROMAGNETIC FLOW METERS

FLOW

Electronet series **Electromagnetic Flow Meters** are micro-controller based Flow Meters that help you accurately measure the flow of any liquids and slurries in closed pipes. Electromagnetic Flow Meters are based on faraday's law induction. A magnetic field is applied to the metering tube, which results in a potential difference proportional to the flow velocity perpendicular to the flux lines. The physical principle at work is electromagnetic induction.



ELMAG-2516LW

ELMAG-2516

ELMAG-60H

ELMAG-TX-22

ELMAG-600

ELMAG-200

TURBINE FLOW METERS

FLOW

Electronet series **Turbine Flow Meters** are preferred for clean, filtered, low viscosity fluids. Turbine flow meters are inherently sensitive to Reynolds number. They will not be linear at Reynolds numbers nearing or in the laminar region. Therefore, they should be carefully used in the case of fluids with a broad temperature and viscosity range such as some oils. It is not a problem at constant conditions, but is often hard to achieve practically.



FL - 100

FL - 204

FL - 106

FL - 104

ULTRASONIC FLOW METERS

FLOW

Electronet series **Ultrasonic Flow Meters** measures the velocity of a fluid with ultrasound to calculate volume flow. Using ultrasonic transducers, the flow meter can measure the average velocity along the path of an emitted beam of ultrasound, by averaging the difference in measured transit time between the pulses of ultrasound propagating into and against the direction of the flow or by measuring the frequency shift from the Doppler effect.



ASIONIC - 100

ASIONIC - 200C

ASIONIC - 400

ASIONIC - TX-22

ASIONIC - 200

ASIONIC - 400U

DIGITAL WATER METERS

WATER METERS

Designed for the Smart City, Electronet series **Digital Water Meters** ASIONIC 400S and ASIONIC 400W are designed to seamlessly capture the accurate consumption of water. The RF technology enables quick, remote access to various water meter readings. This data can be easily transferred to a software system for calculations, reports, etc. These products are highly effective, compact and can be implemented across industries, apartments, gated communities, hotels, villas, etc.



ASIONIC - 400W

ASIONIC - 400S

AMR - 600

ELMAG-600W

PRESSURE TRANSMITTERS / SWITCHES

PRESSURE



Electronet series wide range of Pressure Transmitters & Switches helps you measure pressure and related parameters of gases, vapours and liquids in various industries refineries, petrochemicals, oil and gas, power, chemical industries, food processing & pharmaceutical industries.

ELPRT - 100SDP

DPG - 20

ELPRT - 100SPT

PT - 22

PT - 22S

LEVEL TRANSMITTERS / SWITCHES

LEVEL

Electronet series Radar-based or ultrasonic, highly accurate Level Transmitters & Switches are used for level measurements across various domains including water, sewage, slurry, large storage tanks, ponds, pits, juices, light aggressive liquids, beverages, acids, solvent, paint, oil, thinner and more.



LMS - 02

ELGWR - 40

ELMLG - 100

ELTAR - 20

ULT - 200

TEMPERATURE TRANSMITTERS / SWITCHES

TEMPERATURE



Electronet series Temperature Transmitters & Switches are suitable for field temperature measurements. These transmitters are suitable for any type of temperature sensors like RTD or thermocouple and are useful for various industrial applications. Specifically transmitter model - TT04H - can accept dual input temperature measurements with optional output for average, delta T, peak and redundancy.

TG - 20

TT - 01

TT - 04

ANALYTICAL INSTRUMENTS

ANALYTICAL

Electronet manufactures a wide range of industrial Analytical Instruments used across various industries. The analytical instruments can accept pH/Conductivity/ ORP/DO sensor input in any combination. The analyzer continuously monitors itself and the sensor(s) for any problematic conditions and displays the fault or warning signals, if any.



CS - 001

AN - 100

PH - 100S

CT - 100S

UAC - 100

PANEL MOUNTED INSTRUMENTS

PANEL INSTRUMENTS



Electronet offers a wide range of Panel Mounted instruments which includes Process Indicators, Isolators, Amplifiers, Totalizers & Scanners.

These instruments are of top quality, highest standards and designed to easy mounting into any application.

FL - 600 OC

FL - 244

DPC - 808

TX - 10

SC - 204

Smart Water Metering

DID YOU KNOW?

A 0.1 gallon per minute leak wastes 4,320 gallons per month

That equals to as much as 51,840 gallons of water per year !!

Electronet is a supplier of water meters, metering systems to service and support. It is our job to make it easy for you to run a sustainable water utility. Electronet delivers solutions in Residential and Industrial water metering with billing. Our water metering solutions are based on proven technology and represent the next generation of smart metering. With a READY automated water meter reading system, you can say goodbye to manual readings, reporting via the internet and estimated calculations. Now, you can personally read consumption data automatically without disturbing consumers.

Electronet's Smart Water Metering System aims to give consumers the information that they need to make intelligent decisions, the ability to execute those decisions and a variety of choices leading to substantial benefits they would not have enjoyed otherwise. With its robust Metering Infrastructure, It makes easy for the franchisees to manage the utilities and help them in greatly improving the consumer service and also refining the utility operations and asset management processes.

The whole distribution network can be continuously monitored real time by any specified interval reads. Reduction in overall water consumption requires a smart metering system, which enables companies to remotely cut off the water supply, in case a consumer exceeds the overdue limit. Utilities company, derive benefits from accurate billing, easy remote monitoring and detection of theft.

Smart City Requirements

WASTE WATER



AIR QUALITY



DRINKING WATER



SOLID WASTE



NOISE POLLUTION



ENERGY MANAGEMENT



It's Time to Say
Goodbye
to the

**Mechanical
Water Meters**



&

Welcome
the World of

**Smart
Digital
Water Meters**

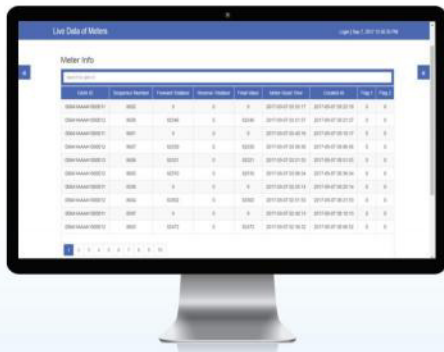


Smart Digital Water Meters

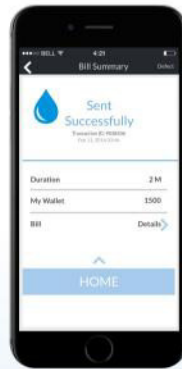


ASIONIC - 400S ASIONIC - 400SW ASIONIC - 400W AMR - 600

Water Usage Monitoring & Bill Payments



Web App



Mobile App



Smart Water Metering
Save Water & Work



Wireless Data Collection
From Water Meters



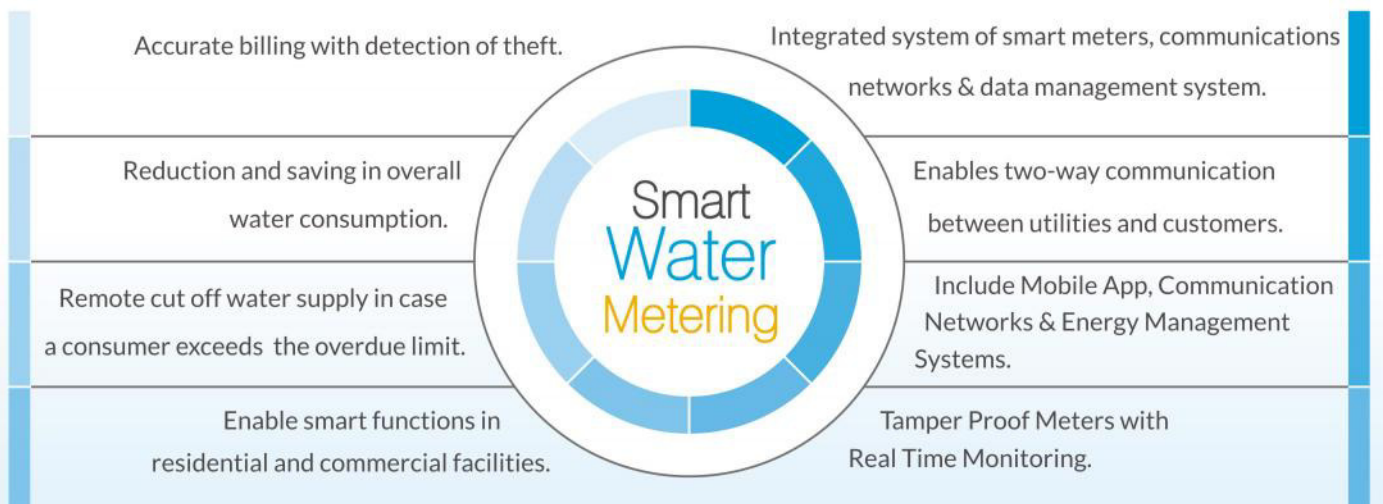
Mobile App for Water
Usage & Bill Payments



Keep Account of
Water Usage

Using Web & Mobile Applications

Features





ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC,
Khandala, Dist.- Satara
Pin: 412 801, Maharashtra, India.

Registered Office:

Plot No. 84, 85, 86, Tiny Industrial Estate,
Kondhwa Budruk,
Pune-411 048, Maharashtra, India.



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* Due to our continuous product revisions, design specification and model numbers are subject to change without notice.