



TRITON
Process technologies



A Fantastic product Range, Unbeatable Technology and Brand Portfolio.....

Triton Process Technologies started with an objective of being a Technology **Leader and Total Integrated Solution Provider**. We try to achieve our objective by continuous innovation & and getting new technology products for the Indian Market.

To achieve the objective we have exclusive Tie-ups with world renowned companies and technology leaders like **M/s Shenitech LLC, USA, M/s Rae Systems, USA, and M/s Testo, Germany for their Unbeatable Range of Products.**

SHENITECH

PRODUCTS

- Online Ultrasonic Flowmeter
- BTU Meters
- Portable Ultrasonic Flowmeter
- Magnetic Flowmeter

TESTO

PRODUCTS

- Flue Gas Analyzers
- Thermal Imagers
- RH/Temp Sensors
- Dew Point Analyzer
- Anemometers
- Thermal Mass flow meters
- Portable Instruments
- Multifunction Instruments for Velocity , Temperature Humidity, Pressure, Light Intensity , Sound meter
- Data loggers

RAE SYSTEMS

PRODUCTS

- Portable Gas Detectors
- Online gas Detectors
- Nuclear Radiation Detectors
- PID Detectors
- VOC Detectors

TRITON

PRODUCTS

- Liquid Analyzer- Ph/ Cond / ORP / Chlorine / Ozone
- Pressure Gauges
- Temperature Gauges
- Level/ Temperature / Pressure Switch
- RTD / Thermocouples
- Indicators / Data Loggers
- Tube Fittings
- Pipe Fittings
- Valves and Manifolds

OUR RANGE OF FLOWMETERS

Fantastic Technology at Best Price!!! Guaranteed!!!



ONLINE ULTRASONIC FLOW MEASUREMENT

- Clamp on, Insertion and Inline type of flow meters
- Guaranteed lowest price on the market!!!!
- High accuracy: $\pm 1\%$ normally; $\pm 0.5\%$ when on-site calibration available
- Wide pipe size range (from 1" to 240")
- Isolated RS485 interface, MODBUS compatible
- Optional GPRS / GSM networking module. Also Solar powered Versions and Wireless options Available
- Works on most pipes and for most fluids up to 150 Deg C.

Portable Clamp on Ultrasonic Flowmeter

- Non-intrusive, clamp-on installation, easy and fast setup with Magnetic sensors.
- Light weight (538g for the handset). Compact design.
- Rechargeable battery for 10 hours of operation.
- Built-in data logger and 3 totalisers.
- Accuracy of $\pm 1\%$ as standard
- High flow capacity of ± 16 m/s

Ideal for flow survey, HVAC, flowmeter verification and all other applications where both accuracy and portability are essential.



Advanced technology for heating and cooling metering in residential and commercial buildings

- Very high Flow capacity of ± 16 m/s
- Best Price Performance and reliability
- Available for Line sizes of 15 mm to 1000 mm
- No moving parts and hence no maintenance
- Long life span
- High accuracy which does not degrade over time
- Automatic Meter Reading software on wireless network



Flue gas Analysis ??? Count on us to give you the best and the fastest Multi-gas Solutions

Portable Gas analyzer is basically made up of a control unit, an analyzer box, and a flue gas probe, depending on customer requirements. This is mainly used to check efficiency in a combustion process as well as emission monitoring. Multiple Parameters and gases like O₂, CO, CO₂, H₂S, LEL, SO_x, NO_x and HC etc can be measured and Analysed. We also have the options of Measuring Air velocity, RH/ Temperature, Pressure and multiple other parameters with the same Unit.

From a Single Gas Analyzer to a 6 gas Analyzer, we have it all.

See the Unseen...with our Thermal Imagers

The starter instrument for fast fault-finding and quality assurance. Thermal imagers are of great significance in preventive service and maintenance, but also in building and production monitoring, as well as in technical diagnostics. We offer

- High-quality wide-angle lens 32° with F1-optic
- Simultaneous Digital Image as well as IR image for ease in Analysis of Photograph
- Very high Resolution Photographs and IR images
- NETD < 0,1°C
- Focusing by hand, very light weight and easy to use
- Removable storage device SD-1 GB for approx 800 - 1000 pics



Multi-Function Instruments

Single Multi function Instrument which can measure Temperature, RH, Dew point, Pressure, Air Velocity and Indoor Air Quality (Co₂).

We also have reference humidity measurement instrument in portable and online range of instruments.

Additional connections of external measurement such as particle counters and pressure transmitters also available

Other combinations also available.

Non- Contact Temp Measurement PYROMETER

Non Contact measurement Technology
Unmatched distance to point ratio
Wide range, low as well as high
for different applications
Best suited for hygienic measurement





Dew Point Analyzer and Dew point Switch

Today the majority of compressed air dryers is not supervised ___ here is how to close that gap in the safety chain!

Use our dew point Analyzer and switches for optimum efficiency of the dryers.

Thermal Mass Flow Meter / Anemometers

With the amazing range of thermal mass flow meter, we bring a new technology in measurement of Air / nitrogen.

Online as well as portable Anemometers are available from line sizes of ½" to 10".

Count on us to save your money on the utilities!!!



Wireless Data Loggers

Wireless Datalogging for RH/ Temp like never Before.

Flexibility you never thought was possible.

Use it once and forget **all** your problems with RH/ Temp Monitoring and Data Logging



Portable Gas Detectors

From one gas to 5 gas multi detectors, we have it **all**.

We also specialize in VOC detectors based on PID principle.

We can do most applications with a wireless portable detector.

Toxic Gases, Combustibles, VOCs ...you name the gas and we have a solution for the same.

Electrochemical, PID, IR, Catalytic Bead...we have **all** the sensors to do any application

Online Gas Detectors

Online gas detectors for Measurement of Toxic gases, Combustible gases and PIDs.

Wireless version and stand alone battery powered online detectors are also available.

Entire projects for gas detection system including panels and controllers are done by us.



Nuclear Radiation Detectors

A Specialty available only with us is a combination multi-gas and radiation detector equipped with a wireless, RF modem.

We also have the solution for Gamma radiation, neutron Radiation and Dosimeters.



PID/ VOC Detectors

An Entire range of compound specific detectors using the very sensitive PID technology.

Multi gas PIDs, Single Gas PID in ppm levels, ppb levels are our speciality



Online Liquid Analyzers and Controllers

We offer all types of Liquid Analyzer and Controller

- pH / ORP
- Conductivity
- Chlorine Analyzer
- Ozone Analyzer
- Dissolved Oxygen Analyzer
- Turbidity Analyzer
- COD Analyzer
- B.O.D. Analyzer



Portable Type Liquid Analyzers

Portable and table top range of Liquid Analyzers including

- Ph/ORP Analyzer
- Conductivity Analyzer
- Cooking oil Analyzer
- Refrigerant Gas Analyzer
- Leak Detectors
- Spectrophotometers



Pressure Gauges

We Manufacture High precision Pressure gauges at our own factory in various materials.

Our Gauges have unmatched precision and a lots of variations are available.

We even Manufacture the gauges as per the customers requirements

Let us know your requirement and we will be more than happy to serve you.



Temperature Gauges

If you are looking for a temperature gauge with high precision, stability, reliability and resolution we have the solution for you

With different solutions like Bimetal, mercury filled, gas filled and refrigeration thermometers with remote displays, we cater to all the process applications



Pressure Transmitters

We have a broad range of pressure Transmitters from the OEM version to the rugged industrial Application

We offer a wide variety of materials, flange sizes and sensors for high pressure and temperature Application to cater to the vast and varied requirements of the process Industry.



Flow and Level Indicators

We offer a wide range of Level and Flow indicators which are generally used in the process industry.

These indicators are manufactured by us and offer great Quality at unmatched price



Pipe Fittings and Tube Fittings

We Manufacture Pipe Fittings and Tube fittings at our state of art workshop in Mumbai

Any type of Fittings in various materials like SS, MS, Titanium, Tantalum etc, can be manufactured.

We also Manufacture as per customer drawings

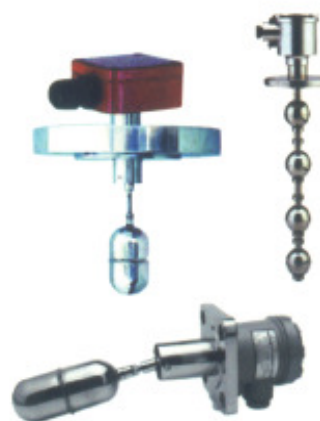


SWITCHES

At Triton we cater to the varied process industries with various different types of switches for

- Pressure
- Temperature
- Level
- Flow

We also Manufacture switches for critical as well as non critical applications.



Flanges

Flanges of Various Sizes and pressure ratings in different materials are manufactured by us.

For various pressure ratings from 150 # to 15000# and any material let us know.

For any of your requirements please get in touch with us to give a proper solution



Manifolds and Valves

We manufacture Precision valves at our own workshop in Mumbai and cater to the varied requirement of the industry.

We manufacture Different types of Valves Including

- NEEDLE VALVES
- GATE VALVES
- GLOBE VALVES
- BUTTERFLY VALVES
- NON RETURN VALVES MULTWAY MANIFOLDS



Partial List of Customers

- **Bharat Petroleum Corporation Limited**
- **Bhabha Atomic Research Center(BARC)**
- **Hindustan Petroleum Corporation Ltd.**
- **Indian Oil Corporation Limited**
- **Reliance Industries Limited**
- **Mahanagar Gas Limited**
- **Technical Parts Co. (Dubai)**
- **Midco Pumps Limited**
- **Air India**
- **Jet Airways**
- **Kalpataru Power Transmission Ltd**
- **National Peroxide Limited**
- **Indorama Cement Limited**
- **Ispat Steel**
- **Pidilite Industries Pvt Ltd**
- **Mukand Steel**
- **Chemithon Engineers Pvt Ltd**
- **And many more.....**



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