



UTKARSH SCIENTIFIC INSTRUMENTS SUPPLIERS

Shop No. 8, B-Wing, Jai Ganesh Samrajya, Bhosari pune-411039 Email ID:usispune2015@gmail.com

ISO 9001:2015 Certified

PRODUCT CATLOUGE

PH,ORP,CONDUCTIVITY,TDS,ELECTROMAGNETIC WATER FLOW METER,DO METER ,PRESSURE Meter, COD & BOD Analyzers, Chlorine Analyzer, All Types of Water Flow Meter

Dear Sir/MAM,

As you are aware that today **UTKARSH SCIENTIFIC INSTRUMENTS** is one of the leading **Original Equipment Manufacturer (OEM)** in the field of **Electronic online Process Instrumentation and Automation** since last 5 years.

Today our in house R & D, Stringent Q. C. and infrastructure for the development of the hardware and software has enabled **UTKARSH SCIENTIFIC** to attain a dominant position as far as Original Equipment Manufacturing is concerned. We assure a better quality and reliability of the products and can also extend technical support as and when needed.

Our various Product Range as below :

- Electromagnetic Flow meter with GSM /GPRS System.
- Process Instrumentation like pH/ORP, Conductivity/TDS , DO, Humidity, Temperature, Pressure, Electromagnetic flow meter etc. Indicator / Controller / Transmitter with online, offline, Flame Proof, Weather Proof, Table Top, Portable applications versions.
- Total Process/System Automation: Integration of system and centrally controlled process units (Real Time) with Data Logging Systems.
- Products: online, Table Top, pH & Conductivity meters, Temperature, sensors, Transmitters both for pH and Conductivity etc. Temperature transmitter, Data logger.
- Electromagnetic Flow meter, Full Bore - 15mm to 300mm & Insertion Type 300mm to 2000mm
- Mass Flow Meter along with density and brix measurement.
- Sensors and Transducers for pH, Conductivity, temperature, ORP, DO, Ion, Flow, etc.
- Online and Offline Data Logger for 8 to 246 Channel
- asonic Level Sensor.

To list a few following customer are using our products widely.

- Gangakhed Sugar & Energy Ltd., Pune
- Thermax Ltd , Pune
- Pepsico India Ltd, Pune
- Essar Steel .
- Intervet India Pvt. Ltd, Pune.

**“ Krishna nagari “B-wing Flat No. 26 ,5th floor , Gaikwad Nagar , Near Raghav Mangal Karyalaya , Dighi ,Pune-411015 ,email : usinstruments14@rediffmail.com , usispune2015@gmail.com
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- Alfa Laval, Pune.
- Bharat Forge Ltd., Pune
- Tata Motors, Pune
- Indian Institute of Tropical Meteorology (IITM), Pune.
- Crompton Greaves Ltd, Aurangabad.
- Sai Enviro Engineers Pvt. Ltd.
- National Chemicals Laboratory (NCL) , Pune
- Lupin India Ltd
- Kalyani Forge Ltd, Bhima Koregaon, Pune.
- Wockhardt Ltd, Aurangabad,
- Century Enka Ltd. , Pune
- Shreenath Mhaskoba Sakhar Karkhana
- Pandurang Sahkari Sakhar Karkhana Ltd.
- Sai Enterprises, B
- anglore.
- Emcure Biotech Ltd., Pune

To name few of our projects, we have successfully taken up and completed projects listed below.

1. Water Treatment Plants (Waste / Effluent / Mineral)
2. Automation for DM water Plant
3. Boiler Automation
4. Auto pH control system for Juice clarification and Pan Automation in Sugar Industry

For UTKARSH SCIENTIFIC INSTRUMENT

Mr. Yogesh .M. Patil
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Specification Model no.	Vortex Flow meter(Switzerland base)	Turbine Flowmeter	DP Mass Flowmeter	Oval Gear Mass Flowmeter
Product image				
Line Size	15 ~400mm	4~200mm	0.3' 30t/h	10~200mm
Accuracy	±1%	±0.5%, ±1%	±0.5%, ±1%	±0.2%, ±0.5%
Output	Pulse/4-20Madc	Pulse 4-20mA	4~20mADC	4~20mADC
Power Input	24VDC(±10%); Remote version with 3.4V Lithium Battery	24VDC (±10%); 12VDC	12 ~ 36VDC	24VDC
Operating Pressure	Standard 1.6 MPa; Custom 2.5-4.0MPa	1.6,2.5,4,6.4,10,16,25 MPa	From 3.5 kPa Absolute pressure	1.6,2.5,4.0,6.3 MPa
Operating Temp.	(-)10°C~60°C	(-)20°C ~ 120°C	(-)40 ~ 85°C	(-)20 ~ 280°C
Comm. Protocal	RS232 & RS485, HART Protocal	RS485/Modbus	HART	RS232,RS485, Modbus
Sensor/Body Material	SS321/SS304/SS316	SS304/SS316	Stainless Steel 316L	SS,MS,CI
Ambient Temp.	(-)30°C ~ 60°C	(-)20°C ~ 60°C	0 ~ 65°C	0 ~ 85°C
Protection	IP65, Explosion Proof: (Flame Proof);	IP65, Explosion Proof	IP67	IP67


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Specification Model no.	Coriolis mass Flowmeter	Electromagnetic Flowmeter	Thermal Gas Mass Flowmeter
Product image			
Line Size	3 ~250mm	10~2000mm	15 ~ 4000mm
Accuracy	±1%,±0.2%,±0.5%	±0.5%/±0.2%	±1%,±2.5%
Output	Pulse 4-20mA	4-20mA	Pulse 4~20mA
Power Input	18~36VDC or 85~260VDC	85~265VAC,24VDC	24VDC or 220VAC
Operating Pressure	1.6,2.5,4.0,6.4,10,16,25 MPa	1.0,1.6,2.5,4.0,MPa	1.6,2.5,4.0,MPa
Operating Temp.	(-)50°C~350°C	≤150°C	(-)40°C ~ 450°C
Comm. Protocol	RS485 or HART	RS485/MODBUS/HURT	RS485,HART
Sensor/Body Material	SS304L/SS304/SS304L	SS304/SS316	SS304/SS316
Ambient Temp.	(-)25°C ~ 55°C	(-)10°C ~ 80°C	(-)20°C ~ 50°C
Protection	IP67, Explosion Proof	IP67/IP68	IP65

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