

Process Instrumentation for Pharmaceutical Industry

With a lineage of 70 years in the field of instrumentation, Toshbro Controls has been offering solutions for measurement and control of parameters in process industries. The company's Level & Flow Measurement product range has been designed & manufactured by its associate company—Nivo Controls, who have been proudly manufacturing in India since 1978.

Nivo Controls has been exporting to many international markets and its products conform to international standards such as CE, FM and RoHS.

As a supplier to the Pharmaceutical Industry, we understand the importance of precision, reliability and quality and our instruments are well oriented to meet these needs.

Application and Products

Level Measurement in WFI Storage Tank

For measurement of raw water and ultra pure water in WFI systems

- Tri-clamp Connection
- Compact Design
- Rope Probe for easy installation in closed rooms
- Surface Finish better than 0.8 Ra (on request)
- Direct 4-20 mA to PLC/SCADA systems

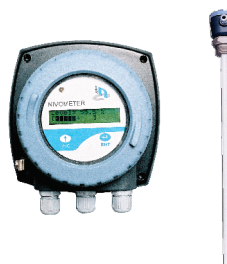


RF Capacitance transmitter with rope probe

Level Measurement in Solvent Storage Tank

Guarantees Reliable & Exact Measurement under all process connections

- Direct Level and Volume Measurement
- Certified for Installation in Ex-proof Zones
- Suitable for CIP & SIP Cleaning
- Integrated Digital Display
- Configurable Relay Operation



RF Capacitance transmitter with rod probe

Flow Monitoring

To measure raw water, cooling water, treated and untreated effluent and process water that is flowing in closed pipes

- No moving parts & no pressure drops
- Suitable for corrosive liquids
- Built-in Flow totalizer
- Remote Monitoring
- Designed to international standards



Electromagnetic Flowmeter

Pressure Measurement

- All Stainless Steel construction – Housing & Wetted parts
- Suitable for CIP and SIP Cleaning
- Active Temperature compensation
- Strong flush diaphragm
- Many hygienic process connections, also EHEDG and 3-A certified



Intelligent Pressure Transmitter

Online Moisture Measurement

Continuous moisture measurement on screw conveyors, hoppers and belt conveyors.

- Humidity Ranges 0...65%(depending on material)
- Rugged sensor construction with ceramic window to withstand abrasion and pressure.
- Fast response time of 0.1sec
- Measurement accuracy of 0.1%.



Online Moisture Analyzer

Dust Monitoring in Fluidized-bed dryer

- Detection of failure in bag filters
- Can be used for preventive maintenance and to avoid breakdowns
- Allows recovery of product eliminating expensive wastage



Dusty

Services Offered

To help you optimize the return on your investment and ensure greater satisfaction, our well qualified service engineers deliver a range of customized services.

- Installation & Commissioning
- Annual Maintenance Contract
- Flow Meter Calibration
- Repair & Refurbishing
- Training

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