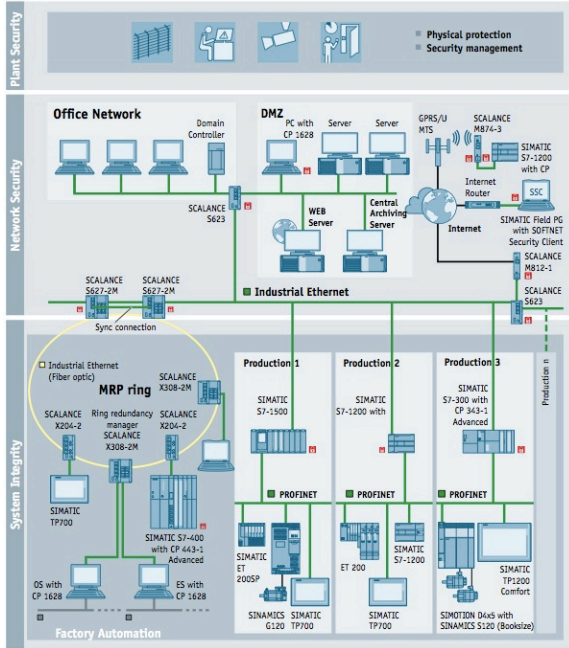


Measuring Everything that Matters : "NIKKA" offers you innovative, single-source measurement solutions to increase plant efficiency and enhance product quality. Our company delivers market specific solution. Our role is to designed for seamless Integrated Process Solution with automation and control. To incorporates a system intelligent decisions for your business is our experience.



Fully Integrated solution: For OEMs, Plant like Pharma, Dairy, Food and Beverages, Cement Plants, Chemical Industries, Paints and Dies Industries, Oil & Gas, Fertilizers Industries, Water Projects, Wastewater Treatment Plants, Textile Industry....other more industries.

The unique consistency is selection of a core field devices and its management, configuration tools, communication devices like HART, Fieldbus, even wireless solution.

We Offer a Comprehensive product Portfolio Range for Measurement and Control



Nikka Incorporated
System House of
Process Instrumentation



284/5 GIDC Makarpura Vadodara-390010.
Land Line No:- 0265 2634133

Email- process@nikkainc.com Mobile- 98795 48800
Email:- Contact@nikkainc.com Mobile- 9879077697

Products:

Pressure Measurement:

SITRANS P Series offer maximum precision, robustness and ease – of – use. Complying with industry standards and international certification. Siemens pressure measurement device fulfil the increasingly complex tasks of the process industry. Some versions additionally offer numerous diagnosis functions which help you to always have your plant firmly under control

Type of Pressure Measurement—

- Gauge Pressure * Absolute Pressure
- Differential Pressure * Hydrostatic Level
- Mass Flow * Volume Flow



Temperature Measurement:

SITRANS T temperature device can quickly connect to many different thermocouples, resistance thermometers, mV & resistance sensors. SITRANS T works using galvanic isolation and a selectable network, frequency and is available as intrinsically safe, explosion proof and non-sparking versions & also as non -hazardous versions.

Type of Temperature Measurement—

- Head Transmitter * Rail Transmitter
- Temperature Sensor * Ex. Protection
- Field Transmitter



Flow Measurement:

SITRANS F is trusted and reliability device range from simple flow indicators to highly developed bus compatible electronic flow measurement units. Perfect solution for liquid, gas and steam.

Type of Flow Measurement—

- Electromagnetic (MAG Meter)
- Coriolis
- Ultrasonic Inline
- * Ultrasonic Clamp-on
- Vortex
- Ultrasonic Open channel



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Level Measurement:

Siemens Level measurement is ideal for Liquid, Slurries or Bulk Solid products. Industries like water, cement, mining, chemical, petro-chemicals, food & beverages, pharmaceutical and other industries.

Type of Level Measurement—

- Capacitance Switches
- Vibrating Switches
- Rotating Paddle Switches
- Tilt Probe Switches
- Ultrasonic Switches/Continuous
- Radar Transmitter
- Radar Guided Waves/capacitance



Process Protection Device

Siemens device forms a reliable early warning protection system. Their robust construction means they are insensitive to dust, dirt deposits and humidity. Our non-contacting acoustic sensor measures inaudible high frequency noise emissions, while our non-contacting speed sensor records changes in drive and speed in your piston, turning & conveyor system.

Type of Devices—

- Acoustic Pump Monitoring
- Acoustic Material Flow
- Motion Sensor



Supplementary Components:

- Isolation Power Supply and Output Isolator
- Remote Data Manager
- Digital Displays
- Wireless HART Adapter



Weighing and Batching System

Siemens provide comprehensive range of products



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APPLICATIONS :

We provide Module Type Packages (MTP) for OEMs, Pharma, Dairy, Food & Beverages, Water Projects :

Utility Plant :

A process **automation** or **automation** system (PAS) is used to automatically control a process such as chemical, oil refineries, paper and pulp factories. The PAS often uses a network to interconnect sensors, controllers, operator terminals and actuators.



Water Treatment & Bottling Plant:

Within the industry, process water is used as cooling water, as a product, as a solvent or by means of transport. Process water is prepared from tap water, groundwater or surface water. Depending on the source, RWB applies various purification techniques to treat the water and to make it suitable for the application.



Boiler Plant:

Boiler automation includes the monitoring of temperature, pressure and water level using different sensors. During this process it is essential to monitor the temperature, steam pressure, water level, etc for reliable operation and to avoid errors and damages.



Dairy Milk Processing Unit:

In dairy industry worldwide, compliance with ever-changing food safety and environmental standards, ageing assets, rising cost of energy, raw material and logistics, call for factory modernization and optimization. The trend is towards faster turnaround, closer integration of production scheduling with logistics and digitalization of manufacturing operations.



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Automatic Cheese Processing:

A plant consists of more than one process area, eg. reception, cheese and liquid milk production. Each area has a its own configuration of one or more Process Controllers and they will often have a User Interface for operators, handling product transfer from one process area to the other. It is essential to keep track of production and economy in a plant. The Process Controllers generate a substantial amount of data from the process set all times, day and night, week and month. Knowing what is happening is a key to be able to run the plant more efficiently and economically.



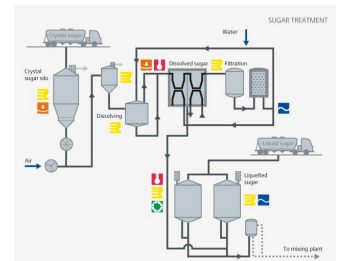
Automation Food Processing

Several aspects must be considered when designing a dairy. Therefore, the final production solution of a plant is always a compromise between product-related, process-related and economic aspects, in which external demands on the plant must be satisfied. These external requirements relate to factors such as legislation, type and amount of product, product quality, hygiene, production availability, flexibility, labour and economy.



Food and Beverages Process:

The product-related aspects include raw materials, product treatment and quality of the end product, while the process-related aspects include selection of process equipment to satisfy external demands. Even if the processing units in a plant are chosen primarily to achieve the stated product quality, various compromises must be made, particularly if many different products are to be manufactured.



Effluent & waste water treatment System

Recycling of waste water process is possible Through siemens field devices and automation System.



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Turnkey Project Solution:



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