



***e-Doodh* Solutions Pvt.Ltd.**

NEW IDEAS...! NEW ACHIEVEMENTS...!

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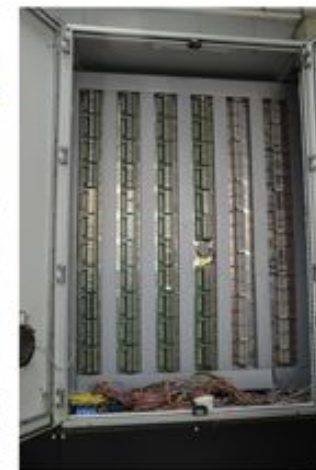
CLEANING SOLUTIONS FOR DAIRY, BREWERY &
BEVERAGE INDUSTRIES



INNOVATE AND INTEGRATE



e-Doodh Solutions Pvt Ltd is the leader in providing total automation solutions for processing in the fields of Dairy, Brewery and Beverage industries. It also provides state-of-the-art, versatile and fully computerized CIP system (called CLEAN MASTER) for these industries. The CLEAN MASTER is an amazing cleaning solution –based equipment system that performs all the tasks with speed and accuracy and at the same time proves to be cost-effective too.



e-Doodh offers this CIP system on a turnkey basis which includes design, supply, installation and commissioning. This also includes supply of tanks, valves, pipeline assemblies, instrumentation, control panel and ethernet linked computer display. The entire system is offered as skid-mounted unit along with the total integration of your existing plant to facilitate very effective cleaning.

All CIP operations can be performed from the computers which also displays the real-time status of the entire CIP operations including valve positions, pumps, tank levels, concentrations, temperatures, destinations etc.

By utilizing high-tech quality instrumentation in our CIP systems we consistently give our customers the best the industry has to offer.



Significant features of our CIP system(CLEAN MASTER)

The CLEAN MASTER offers a wide variety of useful technical features, some of which are listed below

- Operation facility from Computer and if required from the operator panel
- PLC supplied with analog and digital connectivity via terminals to field items.All hardware supplied in IP55 rated Stainless Steel panel with 3 sections for optimum space utilization
- LED based mimic with pictorial representation of CIP system indication on the PLC panel for operator in the field

- Graphical User Interface showing the real-time status of CIP system including the status of various parameters(valves,pumps,concentration,tank level,temperature etc)
- Monitoring,Controlling and Recording of all critical parameters related to CIP
- System configuration is via HMI(Human Machine Interface)
- Design of operator control screen suited for ease of operation

FULLY COMPUTERIZED CIP SYSTEM



Various skid-mounted CIP systems

e-Doodh offers a wide variety of skid-mounted CIP systems based on the budgetary and technical requirements of the dairy, brewery and beverage industries.



Single Tank System :- This is a simple and low cost unit which is specially suitable for plants with low budgetary requirements and simple technical operations. It's simple and skid-mounting feature offers a space-saving option with the facility of portability.



Two Tank CIP System :- This skid-mounted unit is for dairies, breweries and beverage plants with a medium budgetary allocation and slightly complex processing facilities.



Three Tank CIP System:- This skid-mounted is for slightly high budget allocation plant. Depending upon the technical challenges of the plant, this system offers wide options in terms of CIP circuits (1,2,3 circuit) to meet the day to day operations.



Four Tank CIP System:- This amazing cleaning solution on skid offers a variety of tasks to be performed simultaneously in a large sized plant with huge operations of processing, storage and filling of a dairy, brewery or beverage industry. It fulfills the requirement of heavy load of CIP operations through a 4 circuit system making it easy for the CIP's of 4 different destinations to be performed at the same time. Its significant features include speed, accuracy, cost-effective, chemical-recovery, operational ease, upgradable, energy efficient etc.



Overall benefits of the CLEAN MASTER:-

Among the many benefits of our CIP systems , the following are a few advantages

- Cost-effective system
- Improved cleaning effectiveness
- Enhanced product quality
- Better Plant functioning
- Flexible CIP recipes for ease of operation
- Maximum recovery of chemicals
- Liquid tracking available
- Easy Documentation and process optimization
- Energy Efficient
- Easily upgradable



Why go for a fully computerized CIP system ????????

The fully computerized CIP system offered by e-Doodh is a future-proof investment, offering short payback time with significant savings in operation costs and it gives the opportunity to reconfigure, expand and upgrade if needed. This system helps to keep your entire plant clean and hygienic through centralized and integrated CIP software with ease of operation. Short cleaning programs make economical use of cleaning agents and water and allows you to restart the production as quickly as possible.