



MC Smart Controls

FOAM CONTROL...WITHOUT CHEMICALS



Automation & IIOT Solution

The Defoam 100 is an IIOT solution that is cost effective and smart for sensing foam levels in the wash bath process. Once levels rise, the sensor activates the water system and deactivates when the foam levels subside. With its 3G or WIFI communication it allows the process to run more efficient. This informs the plant operator alerts of high foam levels and water leaks. Controlling everything remotely by any smart device reduces overhead and mitigating loss of equipment.

The Defoam 100 may also be installed within the water lines for freeze and leak detection. This is beneficial for preventative water loss and system damage.

Reducing search time and extra expense in outsourcing plumbing services foam which could be timely and interrupt production.

The smart automated system will retro fit into any defoaming application, whether it be chemical feed or water for controlling the foam in wash baths in food processing, paper pulp, and mining extraction process.

This product is ideal for the future way of doing things.

Mission Statement

To eliminate the use of chemicals for foam control in manufacturing and processing industries. Our success will reflect our Customer's success by providing green solutions that significantly reduce or eliminate foam control costs.

Benefits of the ChemFree DeFoam System

Cost Effective

- Reduce or totally eliminate cost of expensive defoaming chemicals
- Eliminate unwanted chemicals from food processing
- Virtually a maintenance-free solution
- Minimal operating cost
- Installs without affecting production

Environmentally Friendly

- GREEN initiatives – Reduce chemicals used
- Supports food industry initiative to eliminate trans-fats and/or silicone-based chemicals
- Eliminates potential bacterial contamination from defoamer

Virtually a Maintenance-Free Solution

- NO MORE defoamer delivery systems
- NO MORE Maintenance of delivery systems
- NO MORE adjustment of defoamer rates
- NO MORE clean up foam overflows and residue
- NO MORE tote handling and storage
- NO MORE Supply Chain Management

*“Partnering with Industry Today
for a Greener Tomorrow”*



DeFoam-100 IIOT Sensor



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