

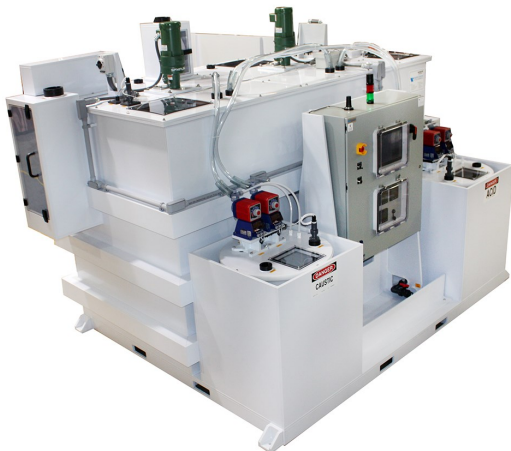
ProDELTA CHEMICAL BIOKILL SYSTEMS

Biological waste produced by laboratories and the pharmaceutical and medical industries is considered hazardous to human health and therefore requires deactivation before it can be safely discharged to the sewer.

The ProDELTA™ Chemical BioKill System is a skid-mounted chemical biological deactivation unit that performs by using chemical treatment to "destroy" living microorganisms and biological wastes. Biological wastes are deactivated by injecting chemicals into a reaction tank in order to achieve the desired chemical concentration. The waste is held at the required concentration to achieve decontamination. Following decontamination the waste is neutralized to the required discharge pH before entering the sewer line.



BATCH CHEMICAL BIOKILL SYSTEM WITH PH
ADJUSTMENT EXAMPLE PHOTO



CONTINUOUS CHEMICAL BIOKILL SYSTEM
EXAMPLE PHOTO

Specifications

- Single stage treatment systems
- 50, 100, 250, 500 and 1,000-gallon batch models available
- 10, 20, 30, 50 and 100 gpm continuous models available
- Inlet temperatures up to 160°F
- Fabricated polypropylene tanks and skid
- Skid-mounted design, ready to install
- Factory-piped, wired and tested before shipment
- Indoor installation

Standard Features

- UL-Listed control panel
- NEMA 4 powder-coated steel enclosure
- PLC-based control system with color touchscreen HMI
- Dry contacts for common alarm and influent permissive
- Run permissive for remote enable/disable
- pH probes in process and discharge piping
- Seismic tie-down brackets
- Gravity or pumped discharges
- Out-of-Compliance prevention system

Optional Features

- pH adjustment
- Automated CIP cleaning
- Chemical day tanks
- Double containment (includes leak detection)
- Discharge flow meter with totalizer
- Digital data logger for discharge pH and/or flow
- Custom designs for outdoor installation including winterization