

INTERCEPTOR MONITORING DEVICE (IMD 3000)

FOG Reduction System

The FLO-CORP IMD 3000™ FOG Reduction System measures and monitors FOG using data logged interface and cellular monitoring capabilities as well as associated secured remote web portal and a data management system. What sets FLO-CORP apart from the competition is the level measurement technology utilized in our system. FLO-CORP's FOG solution uses Guided Wave Radar (GWR) level technology, which is the most reliable technology for measuring interface (stratified) level for FOG tanks. The competition uses ultrasonic level technology, which provides faulty readings and is not recommended in such harsh environments.

WHAT IS FOG?

Fats, Oils, and Greases (FOG) that are not properly controlled enter the public sanitary sewer system which then clogs the pipes resulting in overflowing sewers, manholes, streets, stormdrains, sewer backups in basements, etc. Restaurants and other food service establishments are a significant source of FOG because of the large amounts of grease used in cooking and other food preparation. Other typical FOG generators include cafeterias, supermarkets, schools, banquet halls and food courts at malls or shopping centers.



FOG ORDINANCE

Many counties nationwide have implemented a program to actively control the amount of FOG that is being discharged into its sanitary sewer system. Counties such as Miami-Dade in conjunction with DERM and EPA, have required FOG generating establishments to regulate, control, and monitor their FOG disposal. If not done properly fines, fees, and possible shut-down is enforced. Many counties are taking the same approach across the nation to reduce FOG.

COUNTIES UNDER EPA CONSENT DECREE

- Hawaii
- DeKalb County, GA
- St. Louis Sewer District
- Tyler, TX
- Memphis, TN
- WSSD, Washington Suburban Sanitary District

- Miami-Dade County, FL
- Chattanooga, TN
- Baltimore County, MD
- Lexington, KY
- City of Cleveland Heights, OH
- City of Akron, OH
- Dallas, TX
- Seattle, WA
- San Antonio, TX
- Chicago, IL

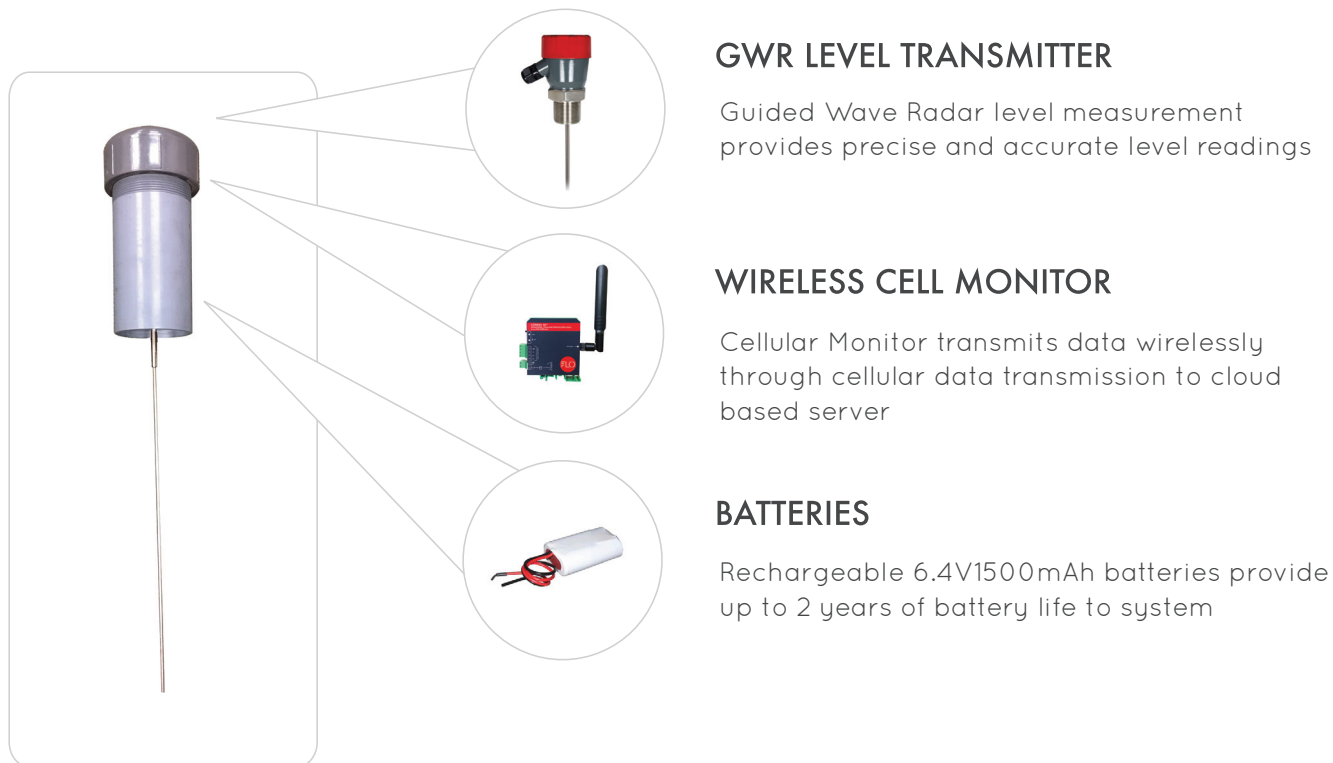
FOG SOLUTION

FLO-CORP has developed a FOG system that will provide establishments an all-in-one solution to comply with the FOG ordinance. FLO-CORP will provide front-of-line prevention, training, and all components required for FOG reduction.

FOG REDUCTION PROGRAM INCLUDES:

- Evaluate existing commercial kitchen compliance
- Provide measurement and monitoring capabilities
- Provide required data management to establish ordinance compliance
- Monetize the data inventory
- FOG Reduction Formula (2.0 launch), turns FOG into clean water

SYSTEM COMPONENTS



FEATURES & BENEFITS

- Reduce operating expenses and control emergency plumbing costs
- Real time wireless alerts so preemptive action can be taken before clogs lead to costly overflows
- Text and email notifications to smart-phone and other devices like building management systems to verify pumper service levels and alert facilities staff
- Specific data includes temperature, liquid level, exact % of Fats, Oils, Grease, and Food Solids that clog kitchen pipes

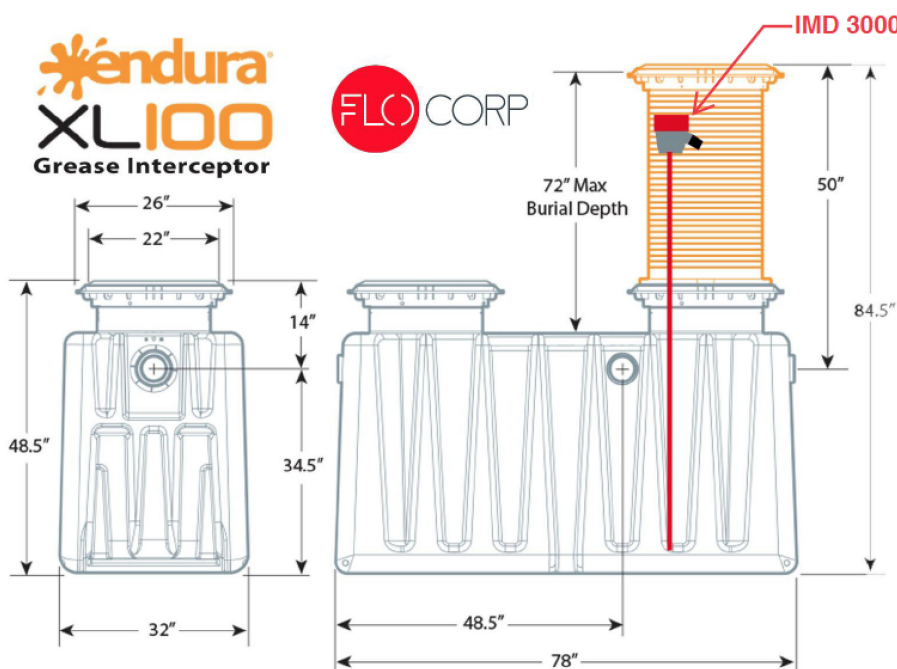
FOG ALARMS & SENSORS

The code provides that for FOG control devices located at a remote location, an Interceptor Monitoring Alarm or Devices is required per Miami-Dade Chapter 24 (Section 24-42.6(8)(v)).

Remote locations include kitchens on a different floor, or any horizontal distance exceeding one hundred (100) feet from the back of the house area / kitchen.

The use of monitoring devices, with alarms and sensors is a recommended practice as a means to properly manage the levels of floating and settled solids. Regular monitoring will ensure that the total solids are being kept at a twenty-five (25) percent or less (gravity interceptors), seventy-five (75) percent or less (hydromechanical interceptors), and therefore managing the pump out frequency of the interceptor more efficiently.

IMD 3000 COMPATIBLE HYDROMECHANICAL INTERCEPTORS

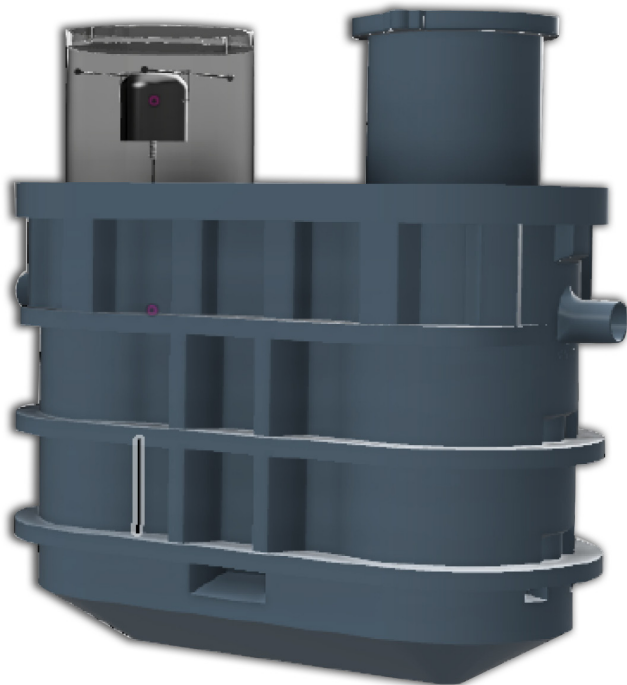
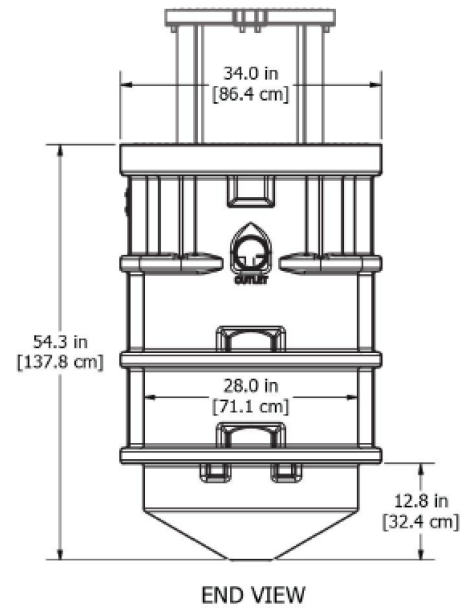
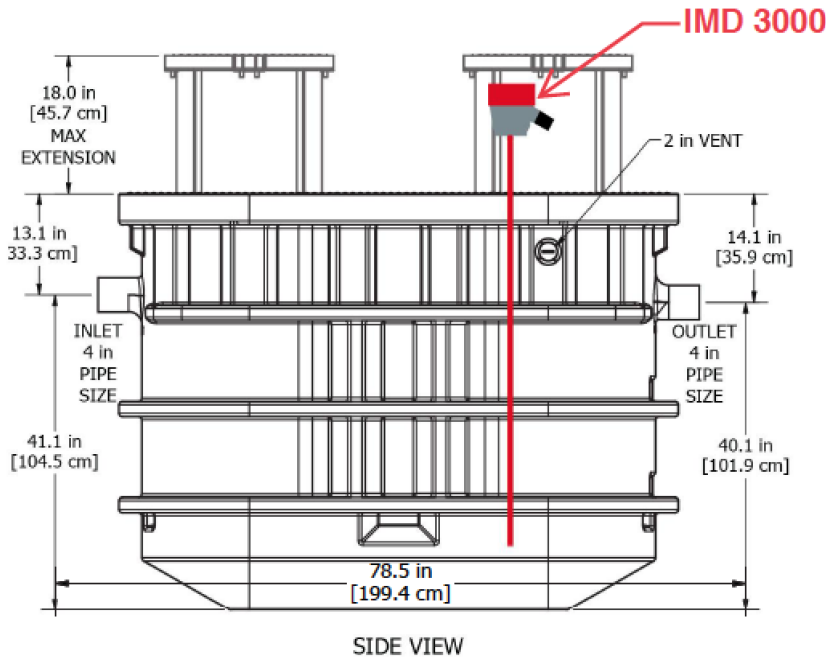


IMD 3000 has been calibrated to the interior characteristics i.e. corners and angles due to roto-molding of the fully recyclable HDPE high performance plastic used in manufacturing Endura XL100 Grease Interceptors.

IMD 3000 COMPATIBLE HYDROMECHANICAL INTERCEPTORS

Trapzilla
A THERMACO® Technology
TZ-1826-ECA

FLO CORP



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