

# EGLD-1000

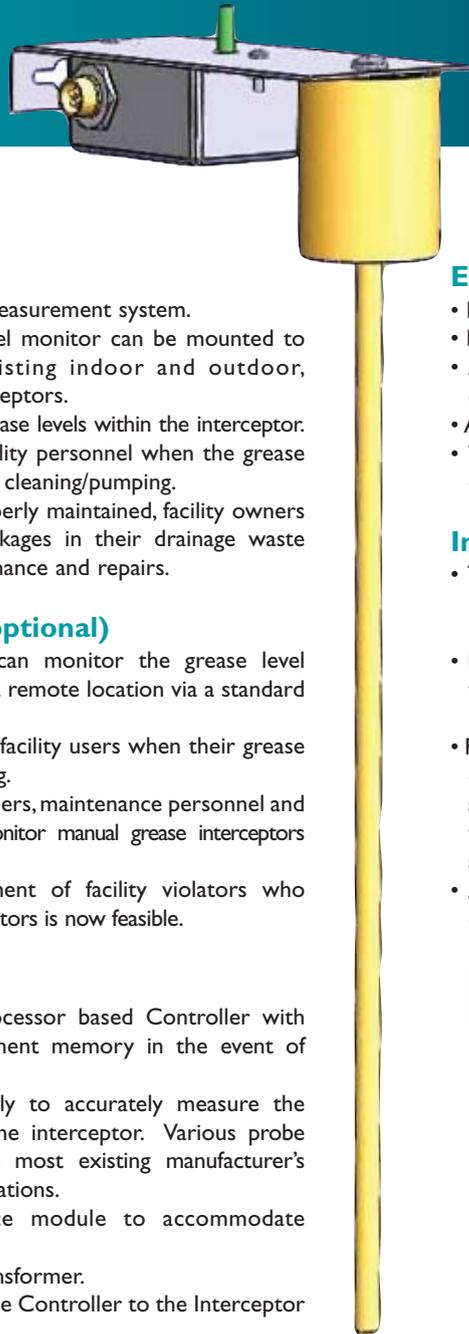
## ELECTRONIC GREASE LEVEL DETECTOR

Josam offers the complete solution to effectively remove and monitor grease levels in kitchen facilities.



**Do you Know When it's Time to Clean Your Manual Grease Interceptor?**

**You do now thanks to Josam's EGLD-1000 Electronic Grease Level Detector**



### EGLD-1000 Features

- A continuous grease level measurement system.
- The EGLD-1000 grease level monitor can be mounted to most manufacturers' existing indoor and outdoor, manual/passive grease interceptors.
- Patented probe measures grease levels within the interceptor.
- Microprocessor notifies facility personnel when the grease interceptor requires manual cleaning/pumping.
- When interceptors are properly maintained, facility owners will experience fewer blockages in their drainage waste lines, saving costs of maintenance and repairs.

### Monitoring service (optional)

- Optional modem feature can monitor the grease level within an interceptor from a remote location via a standard telephone line.
- E-mail notification will alert facility users when their grease interceptors require cleaning.
- Facility managers, grease haulers, maintenance personnel and code inspectors can now monitor manual grease interceptors directly from the internet.
- Reasonable code enforcement of facility violators who neglect cleaning their interceptors is now feasible.

### EGLD-Components

- A wall mounted micro-processor based Controller with LED indicators and permanent memory in the event of power outages.
- A patented probe assembly to accurately measure the amount of grease within the interceptor. Various probe lengths are available to fit most existing manufacturer's manual interceptor configurations.
- Adjustable probe interface module to accommodate stricter standards.
- UL listed 9V DC power transformer.
- Interface cable to connect the Controller to the Interceptor Probe Assembly.
- Optional modem for remote grease level monitoring.

### Easy Web-Site Monitoring

- From the comforts of your office or home.
- Easy to read charts of cleaning cycles.
- Ability to check current grease level at any time of day or night.
- Adjustable alarm levels for increased performance.
- The EGLD-1000 keeps a history of the interceptors cleaning cycles and displays it clearly from the web-site

### Interceptor Information You Need to Know

- The PDI G-101 test on the outlet side (effluent) of the interceptor is calculated to be at least 90% efficiency of rating to the interceptor.
- Interceptors may require cleaning when as little as 25% of their rated capacity has been reached depending upon the limits established by local authorities.
- For example a 25 GPM interceptor will hold 50 lbs. of grease capacity. At 40% capacity (grease only) there is 20 lbs. of accumulated grease. Grease weighs approx. 7 lbs. per gallon therefore with less than 3 gallons of grease the discharge is approx. 360 mg/l. (milligrams per liter)
- At 100% capacity the 25 GPM example will have approx. discharge of 2324.92 mg/l.

PERCENTAGE OF RATED CAPACITY	EFFLUENT READING (Approximate)
10% ( 5lbs)	
20% (10lbs)	23.97 MG/L
30% (15lbs)	191.75 MG/L
40% (20lbs)	359.52 MG/L
50% (25lbs)	647.14 MG/L
60% (30lbs)	1126.51 MG/L
70% (35lbs)	1438.10 MG/L
80% (40lbs)	1677.78 MG/L
90% (45lbs)	1989.37 MG/L
100% (50lbs)	2324.92 MG/L

*The above table is based on data obtained from results of a 25 GPM interceptor being tested to current Grease Interceptor Standards by an independent test laboratory. Other fats, oils, grease, and testing methods may vary results.*