



Features

- Measures levels of FOG in a grease interceptor in seconds.
- No mess measurement. Cleans with attached squeegee or wipe.
- Measurements saved as CSV files.
- Length can be any multiple of 8"
- Bluetooth connection to app.
- No maintenance
- No electrode corrosion
- Readings resistant to fouling
- Cleans easily with included wiper

Description

The AM-FOG is the first probe that can quickly, cleanly and inexpensively measure the levels of FOG (fats, oil and grease) in a grease interceptor. Because it is based on measuring the electrical properties of the surrounding medium there are no moving parts or expensive transducers. Forget the mess and stink of a core sampler,

The AM-FOG probe consists off a chain of sensors that can be made to any length—from 8 to 64 inches—in 8-inch increments. It communicates via Bluetooth to an Android or iOS app, thus enabling complete control over the probe including:

- A bar graph showing the location and depth of the water, FOG and, optionally, sludge layers*. It also displays the temperature.
- Simple calibration of the probe involving immersion in water and air.
- Savings of the measurement screen as a CSV file.
- A configuration screen for customizing the values that differentiate FOG from water.
- A diagnostic screen for troubleshooting interceptor interiors.

Included with the probe is a PVC carrying case that doubles as a calibration chamber for water. An optional attachment clamps on to the head and contains a standard ACME thread that allows an extension pole to be used for reaching into interceptors buried underground. A wiper allows you to clean the probe before storing it away.

The AM-FOG probe can be used in any container where the level of water and oil must be known, such as oil-water separators.

Applications

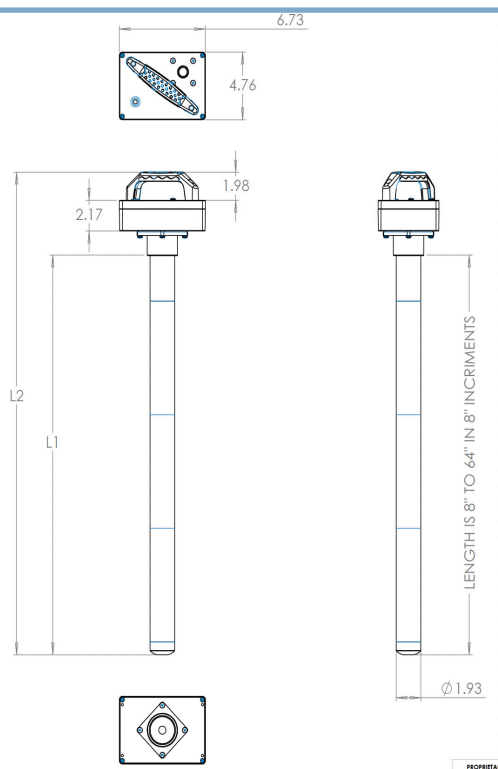
- Grease interceptors
- Oil-water separators
- Lift Stations

Model AM-FOG-P

Technical Data

Resolution	2.5 cm (1")	Data Transmission	Bluetooth Low Energy
Measurement Length	8" to 64" in 8" increments	Transmission Range	100 m
Alarm Levels	Default—25% Rule	Status Indicator	Flashing LED
Calibration	Two points—water and air	Battery	Tadiran TL 59301F 3.6 V, 19 Ah
Operation Modes	Configure, Calibrate, Run, Diagnostics	Wetted Materials	PVC, polycarbonate
Cleaning	Squeegee (attached) and/or wet wipe	Temperature	-10 to 60 °C
Carrying case	Doubles as container for water calibration.	pH Range	2 to 12
Extension	Optional Attachment with acme thread for extension poles	Ingress	Head - NEMA 3 Probe body - NEMA 4x

Dimensions



SENSOR MODEL	INSERTION LENGTH L1 (in.)	OVERALL LENGTH L2 (in.)
AM-FOG-P-16	18.7	25.7
AM-FOG-P-24	26.7	33.7
AM-FOG-P-32	34.7	41.7
AM-FOG-P-40	42.7	49.7
AM-FOG-P-48	50.7	57.7
AM-FOG-P-56	58.7	65.7
AM-FOG-P-64	66.7	73.7



Accessories

- AM-FOG-EXPA Bracket for extension pole
- AM-FOG-POLE Extension pole