



## Description

The AM-FOG is the first probe that can reliably 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. The result is a probe that can withstand the extreme physical and chemical environment of a grease interceptor.

The AM-FOG probe consists off a chain of sensors that can be made to any length—from 18 to 64 inches

The probe communicates via Bluetooth to an Android app., which enables complete control

over the probe including:

- A bar graph showing the location and depth of the FOG layer. and the temperature. It shows a warning when the FOG layer exceeds 25% of the trap volume.
- A simple calibration of the probe in air and water.
- A configuration screen for customizing the values that differentiate FOG from water..
- A diagnostic screen for troubleshooting interceptor interiors.

The FOG probe can be also used in any container where the level of water and oil must be known.

## Features

- Measures levels of FOG and water
- Portable probe can be taken anywhere.
- Length can be any multiple of 8"
- Bluetooth connection to phone or tablet
- Low maintenance
- No electrode corrosion
- Readings resistant to fouling
- Cleans easily with wiper

## Applications

- Grease interceptors
- Oil-water separators
- Lift Stations

# Model AM-FOG-P

## Technical Data

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Detection	Water, FOG, air, sludge	Data Transmission	Adjustable from 1 to 60 min.
Resolution	2.5 cm (1")	Wireless transmission	Bluetooth Low Energy (BLE)
Measurement Length	12" to 72" in 6" increments	Transmission Range	>100 m
Alarm Levels	Customized. Default—25% Rule	Status Indicator	LED: Green / Red
Calibration	One-button—in water	Operation Modes	Calibrate, Run, Battery check
Wetted Materials	PVC, polycarbonate	Battery	Lithium ion, rechargeable
Mounting	Bracket	Temperature	-10 to 60 °C
Extension	1 to 6 ft. At	pH Range	2 to 12
Cleaning	Circular wiper	Ingress	NEMA 6P

## Dimensions

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**Drawing to come.**

The cylindrical probe is available in lengths that are multiples of 8 inches. Dimensions are approximate.

## Accessories

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AM-FOG-EXT-X Extension pole, length X ft.

AM-FOG-CAL PVC cylinder for calibration in water. Doubles as carrying case.