

LEAKWISE OFFERING

Leakwise is a series of oil sheen detection and oil layer monitoring systems. Leakwise sensors use a proprietary high-frequency electromagnetic energy absorption technology implemented on floating devices that follow water level accurately. Since water absorbs

more electromagnetic energy than hydrocarbons, changes in the absorption rate of water indicate the presence or buildup of a hydrocarbon layer, starting as low as 0.3 mm. A Leakwise system is comprised of a sensor (or multiple sensors) connected to a controller.

LEAKWISE ID-220 SERIES SENSORS



ID-221

Oil sheen detector starting from 0.3 mm (0.01 inch), with non-linear thickness trend measurement up to 25 mm (1 inch). Water level variation 30 cm to 45 m (1 to 150 ft).

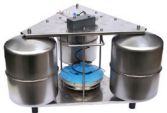


ID-223/500

Oil sheen detector starting from 0.3 mm (0.01 inch), with non-linear thickness trend measurement up to 20 mm (0.8 inch). Water level variation 40 mm to 500 cm (1.6 to 20 inch). Can also be used in normally dry sumps.

ID-223/2000

Oil sheen detector starting from 0.3 mm (0.01 inch), with non-linear thickness trend measurement up to 20 mm (0.8 inch). Water level variation 70 mm to 2000 cm (2.8 to 78 inch) or longer. Can also be used in normally dry sumps.



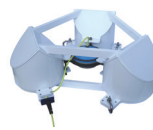
ID-225/100, ID-225/200

Linear oil thickness monitor starting from 1 mm (0.04 inch) up to 100 or 200 mm (4 or 8 inch). Water level variation 33 cm to 45 m (1.1 to 150 ft).



ID-223/2500

Oil sheen detector starting from 0.3 mm (0.01 inch), with non-linear thickness trend measurement up to 20 mm (0.8 inch). Water level variation 70 mm to 2500 cm (2.8 to 98 inch) or longer. Can also be used in normally dry sumps and in small area sumps.



ID-227, ID-223/2000/MR

Oil sheen detector starting from 0.3 mm (0.01 inch), with non-linear thickness trend measurement up to 20 mm (0.8 inch). For installation in large waterways with unlimited water fluctuation.

LEAKWISE CONTROLLERS



PS-220

Analog controller for a single ID-220 sensor. Gives oil spill / leak alerts, including information about oil layer buildup and thickness, via relay outputs, analog 4-20mA, local status lights and optional bar-graph display. It can be AC or DC line powered.



SLC-220

Digital smart controller for multiple ID-220 sensors (up to 4). Gives oil spill / leak alerts, including information about oil layer buildup and thickness, via a variety of outputs and communication interfaces for local or remote users. Interface options: Relay outputs, analog 4-20mA, RS485 / RS232 Modbus, cellular messaging, local status lights and LCD. It can be AC or DC line powered.

Note: The controllers are available with IP65 enclosure or enclosure for hazardous area installation.

