



Information: Analysing Product Layers

The detection of floating (LNAPL's) or sunk hydrocarbon product layers (DNAPL's) form an integral part of environmental research. Oil Interface Meters are able to detect the difference between product and water. Whatever the type of oil interface metre the measuring technology is similar. Water is indicated by a pulsing acoustic signal whereas 'product' is recognized by a continuous signal. This allows the depth of a floating layer to be determined by measuring where a layer begins and ends.

If you would like to see a profile of a floating layer an alternative piece of equipment you might like to consider is a liquid layer sampler. Often bailers are used to view layer profiles, however this leads to layer sizes being underestimated. The liquid layer sampler is designed for the job. Where a bailer has a smaller opening than the container width the liquid layer sampler has a straight collection chamber allowing the side to cut through a layer without pushing the sample aside. When activated an accurate profile is trapped and can be capped to be taken away from site intact for further analysis.