



This interface meter allows you to quickly and easily determine light (floating) non-aqueous phase liquids (LNAPL) and dense (sinking) non-aqueous phase liquids (DNAPL). The interface meter is very accurate, reliable and robust, making it ideal for use in the field.

If the liquid is a non-conductive oil/product the light and tone signals are continuous. And if the liquid is water (conductive liquid $> 50 \mu\text{S}/\text{cm}$), the tone and light signals are intermittent. Both sensors use the same zero point, which gives an accuracy as good as 1.0 millimetre (or 1/200 foot). The high accuracy enables the sensors to detect the slightest sheen of oil on the surface of the water

Key Features

With the Interface meter you can quickly and easily determine light (floating) non-aqueous phase liquids (LNAPL) and dense (sinking) non-aqueous phase liquids (DNAPL) to a depth of 30 metres. The interface meter is CSA certified for class one groups C and D locations till 50 °C.

- Accurate, reliable, robust
- Determine light non-aqueous phase liquids and dense non-aqueous phase liquids
- Designed for rugged field use
- Sturdy free-standing reel with carrying handle
- Stable electronics with automatic circuitry testing

Method

To measure the thickness of a floating layer, lower the probe into the well until the signals activate. If there is an oil/product layer on the top of the water (LNAPL), the light and tone will be steady. Read the depth of the permanently marked tape. Next lower the probe further into the water, where the signals become intermittent, then take a reading at the product/water interface. The thickness of the product layer is then determined by subtracting the first reading from the second.

In case there is a sinking layer (DNAPL) the intermittent signal will be first, followed by a continuous signal.

Applications

- Determine light (floating) Non-Aqueous Phase Liquids (LNAPL)
- Determine dense (sinking) Non-Aqueous Phase Liquids (DNAPL)

Set contains

- Acoustic- and light signal
- Electrode Ø 16 millimetres
- 30 metres tape with millimetre graduation
- Supplied in a carrying bag

