

Nedap Level Milk Meter

The Nedap level milk meter is a jar-type milk meter. The level of the milk in a jar is measured with a float, guided by a central spindle reaching to the bottom of the jar. The float is fitted with a magnet which moves up and down a reflecting element in the central spindle.

The level of the reflecting element in the central spindle corresponds with the level of the float on top of the milk in the jar.

The level of the reflecting element in the central spindle is determined by measuring the delay between emitting and receiving the echo of a sound signal. The sound signal is sent out and received back by an electronic unit located on top of the jar.

Sampling is carried out as in the standard procedure for jars: mixing the contents of the jar by air entering from the bottom with the jar under vacuum and subsequently tapping the required amount of milk from a tap with the jar under atmospheric pressure.

Varying the length of the central spindle, the Nedap level meter can be adjusted for use in different sizes of jars.