IMPORTANT NOTE: TESTING BEFORE USE

Prior to use, we recommend you check that the battery is working not only when you first purchase but each time you use the unit. To do this initially, you should first remove the plastic battery protection tab which will be protruding from the battery drawer of the Liquid Level Indicator. The battery drawer is semi-circular with tactile ridges on the edge. Pull the plastic tab and discard. You will then hear the unit beep and vibrate three times, which will indicate it is ready to use. Once you’ve removed the plastic tab, you can also test the unit by moistening one finger and placing it across all three metal prongs. A series of fast beeps should then be heard along with continuous vibrations. This will indicate that the unit is now ready to use. Alternatively, you can place the Liquid Level Indicator over a cup so that all three prongs are in cold water.

If the unit does not work in cold water, you will need to carry out a quick battery check. This is done simply by pulling out the battery drawer making sure the prongs are uppermost and then closing the battery drawer. You must hear the audio and vibratory feedback. This will indicate that the battery is working but if the unit is still not working, you must return it under the warranty conditions.

It is important to ensure your batteries are changed on a regular basis and the unit is working before you use it in hot water.

General description

The Liquid Level Indicator has been designed for domestic use, to enable blind and partially sighted people to tell when sufficient liquid has been poured into a cup, glass or other container. Its use should be restricted to measuring liquids for human consumption only and under no circumstances should it be inserted into any corrosive liquids.

The Liquid Level Indicator detects two levels of liquid. When making tea for example, the first level detects when you have nearly filled the cup and you will hear a series of slow intermittent beeps and feel a series of intermittent vibrations. This is a warning that the cup is nearly full.
When the liquid is detected at the second level the beeps get faster and a constant vibration is given off by the unit. When you hear and feel this, stop pouring immediately. The unit is not adjustable and we advise that the plastic component that secures the prongs is not removed or tampered with, as doing this is likely to give unsatisfactory results.

The Liquid Level Indicator has been designed to give both an audible and vibratory output. It is powered by a lithium battery (type CR2032).

**Orientation**

The Liquid Level Indicator is approximately 2 inches high, 1 inch wide and 1 inch in depth. The front of the indicator has some tactile markings and towards the bottom edge it is semi-circular in shape with a small recess for your finger and small tactile ridges along the outer edge. The battery compartment is located under this recessed circle. On the outer edge, you will feel a small plastic tab protruding, which must be removed to activate the batteries but once removed can then be discarded. Towards the top on the front of the indicator are two small circular magnets.

On the back of the indicator are three metallic prongs, with a plastic cover on each of the prongs at the top. The prongs on the left and right are longer than the middle prong, and this is because the left and right prongs measure liquid at an intermittent level whereas the shorter middle prong measures the liquid at a full level.

On the prongs, you will feel a plastic spacer which stops the 3 prongs from making electrical contact with each other. The spacer slides up and down the prongs, which allows you to adjust the unit slightly to sit on different types of cups.

**How to use**

The yellow plastic body of the indicator must always hang outside the container you wish to fill with all three metal prongs sitting inside the container. To use, hang the Liquid Level Indicator over the edge of the cup or glass and pour the liquid until the unit emits intermittent sounds and vibrations, stop pouring and remove the Liquid Level Indicator.

To measure a second level of liquid, for example a measure of milk in tea, repeat the above procedure but when the intermittent sound and vibration have been heard from the water then add a separate measure of milk until the beeps get faster and the unit has a continuous vibration. Then remove the Indicator. If the unit continues to sound and vibrate after it has been removed, gently shake the unit to remove excess moisture.

**Please try to avoid leaving the Liquid Level Indicator in continuous mode for long periods of time as this drains the battery. It is also advisable that the prongs do not touch damp or metal objects when it is not in use as this creates a circuit and also drains the battery very quickly.**

The Liquid Level Indicator has two small magnets on the front of the unit to attach it to metallic objects, for example a fridge or microwave so that it is easy to locate. Please beware of placing it in a cutlery drawer as the magnets on the unit will attract most metallic cutlery which may create a circuit and cause the battery to drain quickly. Some types of metal are not magnetic but still may cause the battery to drain.
**Inserting a battery**

If the indicator stops working you may need to replace the battery. The battery compartment is located on the front of the indicator at the bottom of the unit. The battery compartment is under the small semi-circular recess. Turn the indicator so the prongs are facing upwards and insert your finger into the recess and slide the battery compartment out. The battery will sit in the compartment until you turn the unit over to catch the battery in the palm of your hand. Please do not force the compartment to pull out any further than it allows.

Once the battery has been removed, insert the new battery into the circular hole in the compartment. The battery is circular, with one side being completely flat and smooth whilst the other side has a slight ridge around the outer edge. The correct polarity installation is with the smooth flat side facing downwards. When the battery has been correctly inserted, slide the compartment back into the unit until it clicks shut. If the battery has been inserted correctly the indicator will beep and vibrate three times. If a sound or vibration isn’t made then remove the battery compartment again and reinsert the battery.

Don’t throw away worn out batteries. Place them in a container intended for this purpose so that they can be collected and recycled.

**Cleaning**

The liquid level indicator can be wiped clean but should not be immersed in water.