

EVERYTHING FOR THE LAB

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HPLC and fluidic scientific
customized parts & assemblies*



New Biotech Level sensor

A smart way to avoid overfilling the waste bottle.

Light sent down into the glass rod is reflected back as long as the liquid surface level is below the glass rod.

As soon as the liquid level reaches the glass rod the light is scattered away from the glass rod and the sensor detects this and gives an output.

The level sensor is normally mounted on a bottle cap (GL45). It consists of a ground glass rod, and electronics for detecting fluid on the rod end.

The level sensor is powered by 5VDC and the output is a TTL. When the liquid level is below the glass rod the output is high (+5 VDC), and when the liquid reaches the glass rod the output is low (0 VDC).

A visual and acoustic alarm is built-in to the level sensor which signals light and sound through a LED and a buzzer when the liquid reaches the glass rod.