

# 1 MHz Level Sensor Transducer



Model: LPY4

P/N: H2KLPY41000600

Ultrasonic transducer design covers 1MHz frequency. The sensor is paired with software as a signal sending and receiving unit. Used with a gel pad (or dry coupling), this sensor is particularly suitable for use as a non-invasive bottom-up liquid level sensor for measuring liquid level in plastic containers or vessels.



## Features

- Level sensor
- Bottom-up type
- The maximum level measurement is 2 meters
- Contains system

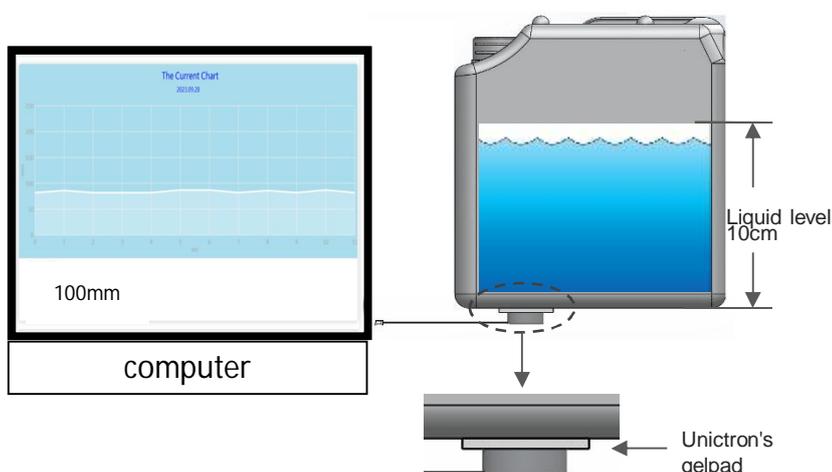
## Specifications

Operation Frequency	1	MHz
Capacitance at 1 kHz	1370 ± 20%	pF
Measuring height of liquid level	50~2000	mm
Operating temperature	-15~60	°C
Storage temperature	-25~80	°C

Measured at temperature :25±5°,40~70%RH

## Sensitivity measurement diagram

Sensitivity measurement  
Liquid level: 10cm (olive oil) / container: HDPE



## Dimensions

