

Ultrasonic Sludge Blanket Level Meter	Ultrasonic Portable Sludge Level Meter	Ultrasonic Sludge Density Meter	Clamp-on Density Meter	Ultrasonic Level Meter	Clamp-on Ultrasonic Flow Meter	Ultrasonic Open Channel Flow Meter	Electromagnetic Flow Meter
04p ~ 06p	07p	08p ~ 10p	11p	12p ~ 13p	14p ~ 15p	16p ~ 17p	18p ~ 19p

02. Ultrasonic Portable Sludge Level Meter

The **ENV100P** portable sludge blanket level meter is designed to offer economic operation where dozens of clarifiers exist. User can suit the meter to their specific requirement and field conditions with respective internal data memory and get all measurement data throughout RS232 port after field measurements.

Unlike optic measurement device, the user do not need to contact contaminated cable because the ultrasonic sensor is floating on the wastewater.



Specifications

Controller

Model	C1P
Measuring Principle	Ultrasonic Echo Flight Time
Measuring Range	0.35 ~ 10 m
Resolution	1cm(metric units), 0.1ft(UK units)
Accuracy	+/- 1% of measured range or 1 inch, whichever is greater
Operational Temperature	-10 ~ 60°C
Outputs	Digital: RS232C
Power Supply	3EA X AA Lithium ion rechargeable battery
Enclosure Material	Aluminum
Dimension	143(W) x 195(H) x 56(D)mm
Weight	3 kg
Certificate	CE

Sensor

Model	S1P
Material	<ul style="list-style-type: none"> Probe body :Clean PVC Ultrasonic Head :Epoxy
Cable Length	5m
Operational Temperature	-10 ~ 70°C
Beam Angle	3 degree
Frequency	160/380kHz
Weight	1kg
IP Rating	IP68

Product Features

1. In-situ measurement
2. Field-adjustable menu set-up
3. Measurement result outputs through RS232 port
4. No need to carry and touch the contaminated cable