



# Open Channel Flow Meter



**LF-OP**

**Level & Flow Industrial Automation (OPC) Pvt. Ltd.**

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# DESCRIPTION

Performance index function characteristic

Ultrasonic open channel flow meter is a high accuracy flow instrument which is used the principle of ultrasonic measuring Venturi canal or Parshall flume. It measure the time of reflected back after sound wave contact to channel water , then according to the formula figure out channel flow , it can provide flow output, display flow velocity and total flow.

# APPLICATION AREA

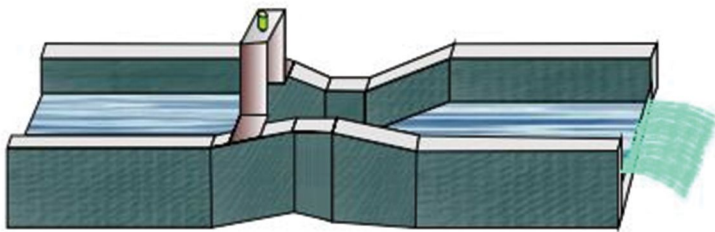
Water and wastewater treatment: pump house, collecting well, biochemistry reaction tank, settling tank etc. Power, mine, grout pool, coal slurry tank, butter storage tank, stock ground or Part of the mobile device control etc. River Water, Agriculture, Supply Water, etc.

# TECHNICAL SPECIFICATION

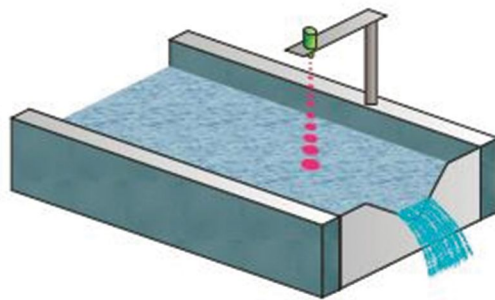
Model	LF-OP
Range	5m, 8m, 10m, 15m
Temperature	0-60deg.C
Operating Pressure	Atm.
Display accumulated flow unit:	m <sup>3</sup>
Flowrate unit:	m <sup>3</sup> /h
Transmitter Housing	ABS
Connection	Threaded
Protection	P65
Output	4~20mA + 4-way Relay
Power supply:	I220V AC
Wire	10m

# MODEL SELECTION

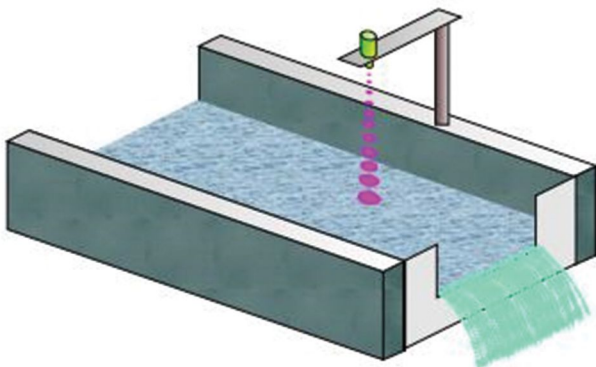
## INSTALLATION TYPES



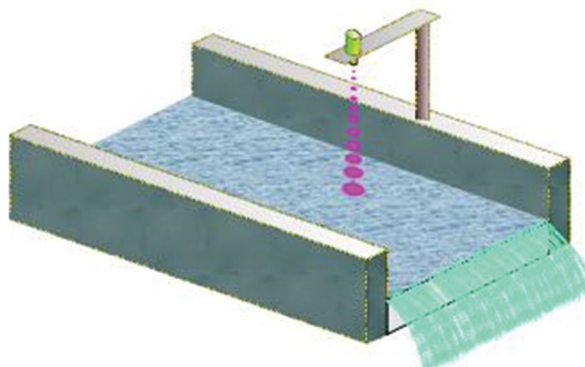
Parshall



V-notch



Rectangular



Rec Rectangular