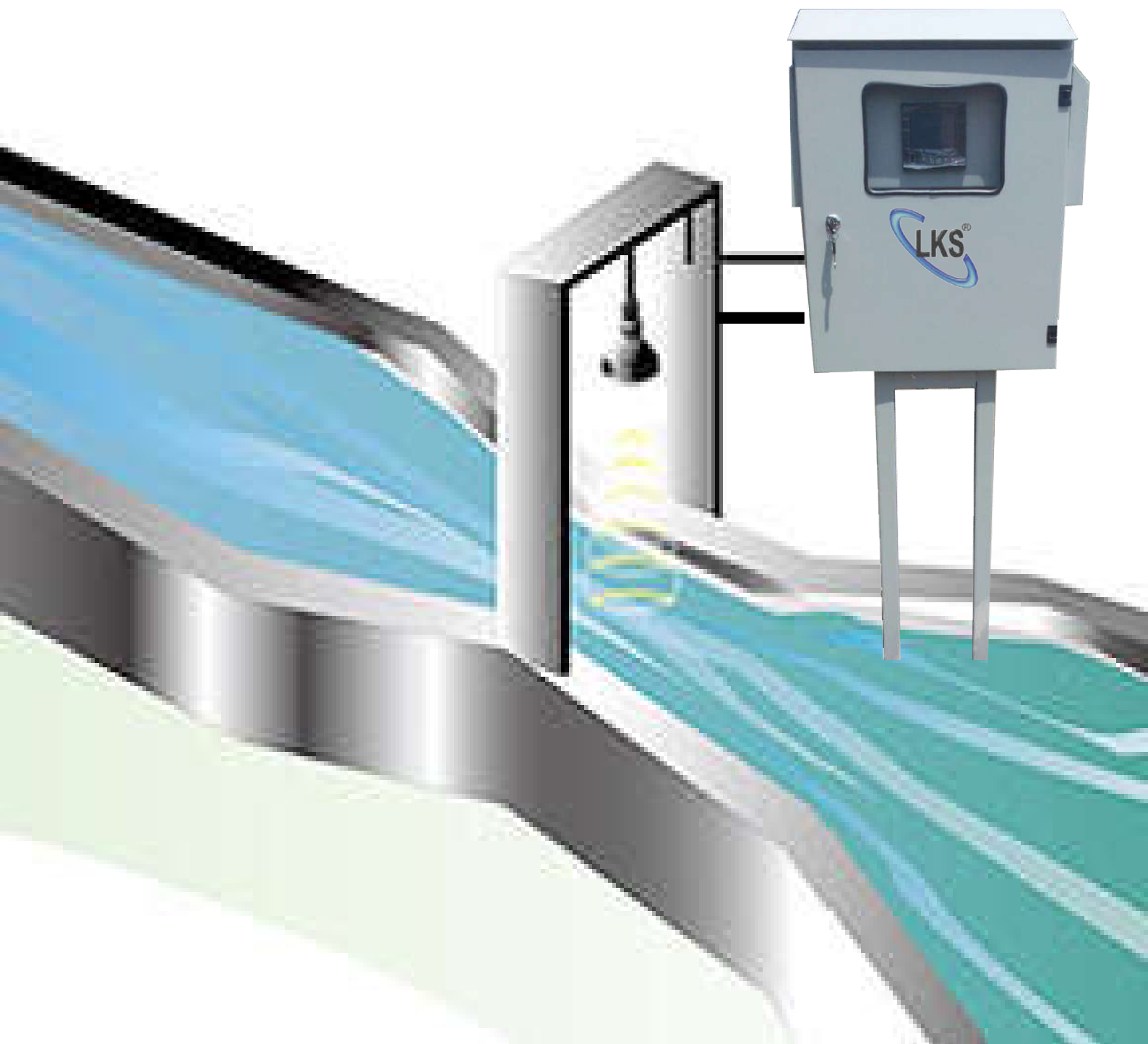


# OPEN CHANNEL FLOW METER



## ***Level & Flow Monitor*** ***Ultrasonic Open Channel Flow Meter***

### **Importance of Flow Dependable Measurement**

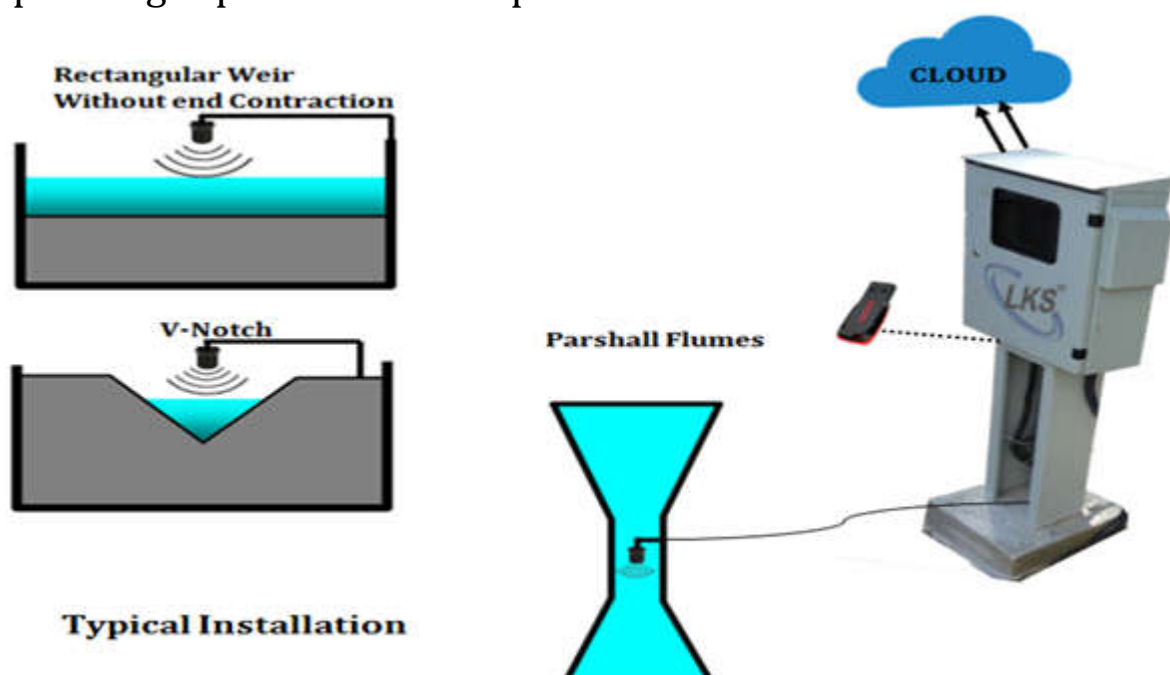
Unreliable flow data can result in inefficient plant operation and unnecessary investment in plant upgrades.

This is particularly true in the case of measurement of industrial and sewage effluents, yet it is frequently given the least priority and attention.

The system is for data obtained from a dependable source, enable plants to be operated in an efficient manner.

By optimizing treatment processes, operators can ensure that maximum treatment capacities are achieved, before additional investment is made.

Where it is necessary to replace or upgrade plant equipment, operating capacities can be specified with confidence.



## Specification

### Controller with logger Function

- Programmable to Flow measurement in V-Notch/Parshall Flume/Weir/Venturi and etc.
- Continuous Flow measurement.
- Measuring accuracy is +/- 1% of full scale
- Display : 3.5inch color
- Size : 96 x 96 x 85 (mm)
- Rate: 0-19999 (adjustable )
- Total : 0-1999999999 (Totalizer )
- Resolution 15 bit DAC (Isolating)
- Response time <250ms (0-90% )
- Temperature Coefficient 100ppm/°C (0-50 °C)
- Operating condition is 0-50 °C (20-90% RH non-condensed )
- Math function
- Communication: RS485 modbus (optional)
- Download via USB Pen Drive
- Display flow , total flow and head height
- Programmable engineering units for liters, gallons or cubic meters per second, hour or per day
- Power: 100~240 VAC .50/60 Hz
- Ultrasonic 3-wire sensor
- Temperature Compensation -20°C to 125 °C
- Operating temperature -20 °C to 125 °C
- Panel enclosure : IP65
- Programmable range

### Certification

SPAN : SPAN/BPI/300-10/764/B/S-1

SIRIM: SST/SA/R/2016E/928



# Open Channel Flow Meter

## **Solar Power (Optional)**

Solar Power is design for remote area installation.

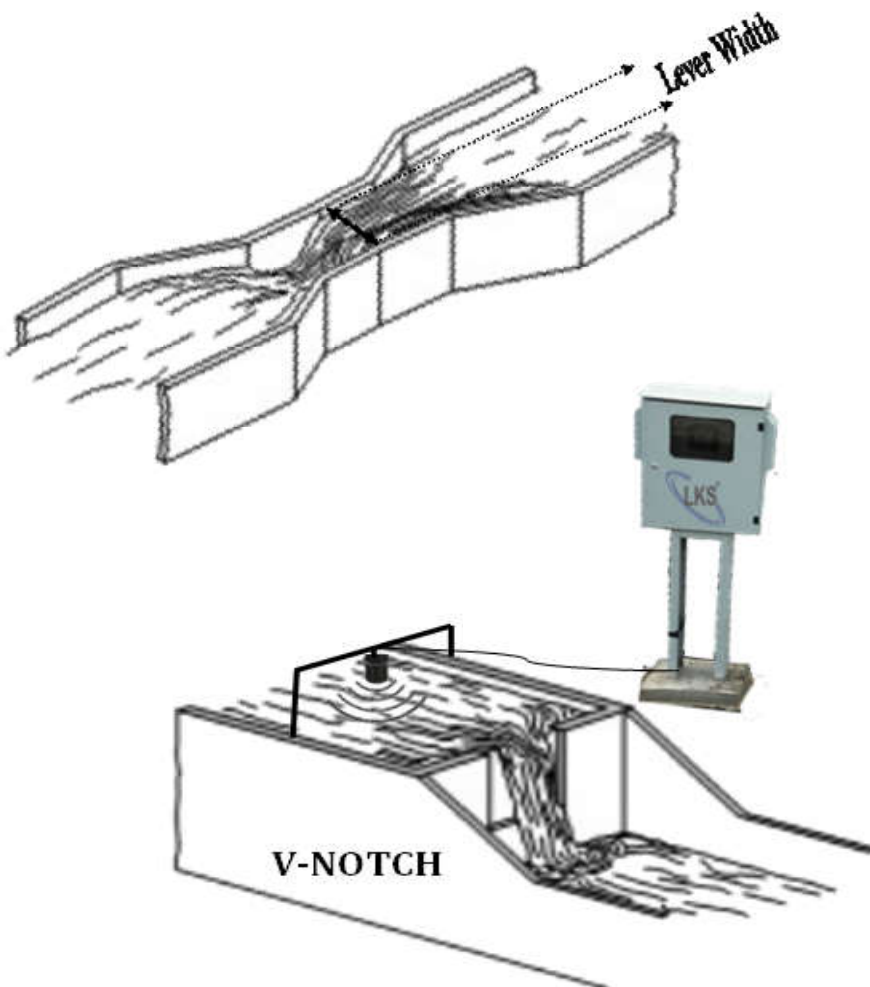
The Solar modules are made with high efficiency solar cells. Every single cell is electrically matched to minimize losses, for making modules suitable for solar modules have been tested for their suitability offering high performance and reliability.

The Solar photovoltaic module is manufactured with mono-crystalline solar cell forming to strict requirements of international quality standards.

The laminates are framed with a strong, robust and corrosion-resistant aluminium frame with multiple mounting holes for ease of installation. A waterproof junction box, IP65, contains the by-pass diodes and the connecting terminals.

Webel solar modules are certify to international standards IEC61215 and UL 1703 listing and the company is ISO 9000 certified.

## **Installation Layout**



With Solar Power on site picture.



Outdoor Panel Enclosure

**Care Our Environment**

## Ordering Information

MODEL NO. (Version : WF9000.V5 )

**Line Voltage**

1. 18-60V AC/DC 50/60 Hz
2. 90-260 V AC/DC 50/60 Hz (standard )
3. 24V DC (with Solar Power )

**Flow System**

- V - V-Notch Plate
- P - Parshall Flumes
- W1 - Weir without end Contraction
- V1 - Venturi

- Parameter required when order.
- Flow rate : \_\_\_\_\_ M3/Hr
- Lever Width : \_\_\_\_\_ mm

WF9000.V5-2    V    (Standard Model)

WF9000.V5-3    V    (Solar Power Model)

**Remarks:**

**If order in WF9000 packages it come with Programmable controller, Ultrasonic sensor, Panel & Sensor bracket.**

**Distributor:-**

**LKS Flowsys Sdn Bhd**

50-2 ,Jalan Sungai Rasau D32/D ,Berjaya Park ,Seksyen 32  
Shah Alam , 40460 ,Selangor . Malaysia .

Tel : +603-5525 5038 Fax: +603-5124 0222

Web : [www.lkssb.com.my](http://www.lkssb.com.my)

E-mail: [info@lkssb.com.my](mailto:info@lkssb.com.my) ; [info.flowsys@lkssb.com.my](mailto:info.flowsys@lkssb.com.my)

**Care Our Environment**