

# Vortex Flow Meter

This vortex flow meter utilizes the Karman vortex street principle for accurate flow measurement. It is widely applicable in industries such as petroleum, chemical processing, light industry, and heating power.



## Overview

### Precision Vortex Flow Metering

The MTLUGB series Vortex flow meter is a high-performance instrument utilizing the Karman vortex street principle for accurate industrial flow measurement. Designed for versatility, it handles liquids, gases, and steam with exceptional reliability due to its no-moving-parts construction. Its stainless steel housing ensures high corrosion resistance, making it an ideal, durable replacement for traditional orifice flow meters.

## Key Performance Metrics

### Performance Summary

**350 °C**

Max Medium Temperature

**4 MPa**

Max Nominal Pressure

**1 class**

Liquid Accuracy

## Technical Specifications

Measured Mediums	Liquid, Gas, Saturated Steam, Superheated Steam
Nominal Diameter Range	DN15 - DN400
Housing Material	1Cr18Ni9Ti Stainless Steel

## Output & Electronics

### Output Capabilities

- Voltage pulse (low level d1V, high level e6V)
- Standard current 4-20mADC
- On-site LCD display (5-digit instantaneous, 9-digit accumulated)

### Power Supply Specifications

Output Type	Requirement
Voltage Pulse	12VDC
4-20mADC	24VDC
LCD Display	3.6V Lithium battery