

Measurement Unlimited by The Imagination.

Portable Ultrasonic Flowmeter

# UW-30P



intelligent  
**DIGITAL**  
TECHNOLOGY

## Features

### 1. Manual-free Installation

Visual on-screen guides allow for setup without a printed manual.

### 2. QR Code Access

Instantly access manuals and support by scanning a QR code.

### 3. Easy one-minute installation

Easy installation with immediate signal quality confirmation.

### 4. Easy Configuration

Built-in piping standards and transferable device settings make setup simple.

### 5. Dual-Channel Measurement

Simultaneously measure and output flow rates from two different pipes.

### 6. Visual Data Display

Monitor flow changes instantly with trend graphs and waveform captures.

### 7. Simple Reporting

Log data for over a month and easily generate CSV reports.

### 8. Energy Measurement

Visualize energy efficiency by measuring heat/calories with an external thermometer.

### 9. Thickness Measurement

Visualize energy efficiency by measuring heat/calories with an external thermometer.

### 10. Multilingual Support

Interface supports multiple languages for global ease of use.

## Specifications

Measurement	Principle	Ultrasonic transit time difference method				
	Flow velocity	-30 m/s to +30 m/s				
	Fluid	water, wastewater, industrial water, seawater, pure water, chemical...				
	Diameter Range	Small Transducer		Medium Transducer		Large Transducer
		DN 13mm ~ 50mm		DN 65mm ~ 500mm (DN 20mm ~ 50mm)		DN 300mm ~ 5000mm
Accuracy	Diameter range	DN 13mm ~ 90mm (DN 20mm ~ 50mm)		DN 100mm ~ 250mm		
	Velocity ≥ 1m/s	±2.0% RD		±1.5% RD		
	Velocity < 1m/s	±0.02 m/s		±0.015 m/s		
Operational	Logging	200,000 points in the Main unit				
	Input data	up to 2xPt100 Temp. sensors				
	Data display	Volumetric flow rate, mass flow rate, flow velocity, energy.				
	Water proof performance	Main unit IP65				
		Transducer IP65, IP68 (Optional).				
	Output	2x 4-20mA ports, 1x USB memory				
	Power supply	AC 90 ~ 264 V 47 ~ 63 Hz 12-hour internal battery				
	Operating temperature	Main unit	Small Transducer	Medium Transducer	Large Transducer	
-10 ~ +50°C		-20 ~ +120°C	-20 ~ +120°C	-20 ~ +80°C		
Body dimension	211 (W) x 112 (L) x 48(H) / approx. 900g (excluding protrusion)					

Design and specifications are subject to change without prior notice, and without any obligation on the part of the manufacturer.

**CAUTION** Before operating this equipment, you should first thoroughly read the operator's manual.



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