

**Measurement Unlimited by The Imagination.**

Portable Ultrasonic Flowmeter

**UW-30P**



intelligent  
**DIGITAL**  
MEASUREMENT

## 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.

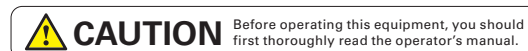
### 10. Multilingual Support

Interface supports multiple languages for global ease of use.

## Specifications

Measurement	Principle		Ultrasonic transit time difference method						
	Flow velocitytype		-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		DN 300mm ~ 5000mm		
Velocity ≥ 1m/s		±2.0% RD		±1.5% RD		±1.0% RD			
Velocity < 1m/s		±0.02 m/s		±0.015 m/s		±0.01 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℃		-20 ~ +120℃		-20 ~ +120℃		-20 ~ +80℃	
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.



**TOKYO KEIKI**

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[www.tokyokeiki.jp/e/products/measurement/](http://www.tokyokeiki.jp/e/products/measurement/)

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