

Measurement unlimited by the imagination.

Portable Ultrasonic Flowmeter

## UW-30P



intelligent  
**DIGITAL**  
TECHNOLOGY

## Features

### 1. Easy Installation

Improved fixture and cable connector sections allow one-step installation and one-touch connection, with optional dry-couplant sheets enabling clean, mess-free installation.

### 2. High functionality

The new model not only doubles the logging capacity to about 50 days but also boasts IP68 waterproof performance and extends battery life to 12 hours, ensuring reliable operation in demanding conditions.

### 3. Compact Lightweight design

The new model weighs 0.9kg, about 40% less than conventional models, with the sensor weight reduced by 48% for medium-sized and 53% for large-sized sensors.

### 4. Improvement of Outdoor Visibility

The new TFT LCD color display improves outdoor visibility and enhances clarity and comprehension through the use of photographs and diagrams.

## 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, c			
	Accuracy	Small Transducer	Medium Transducer	Large Transducer	
	Diameter range	DN13 ~DN90	DN100 ~DN250	DN300 ~DN5000	
	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	
Operation	Logging	200.000 points in the Main unit			
	Input data	up to 3xPt100 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.



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



TOKYO KEIKI INC.

Measurement Systems Company

<https://www.tokyoikeiki.jp/e/products/measurement/>