MFU-6600

Marmonix Portable Ultrasonic Flow meter

Overview:

MFU-6600 Marmonix Portable Ultrasonic Flow meter/heat meter, is suitable for any industry application of fluid flow/heat online calibration and measurement. Good at easy operation, high accuracy, good consistency, online printing, longer battery powered time, heat measurement, and so on. Widely used in petrochemical, Metallurgy, Electricity, Power supply, Water conservancy, Energy monitoring, etc.

Features:

- Friendly operation interface, Full keyboard

- Can transfer the data to computer easily by serial interface

- Thickness gauge option, can measure the pipeline thickness

- Battery power, can work 14 hours fully charged

- Sensor: Sturdy and durable, quickly install, High performance

- With energy measurement function

SPECIFICATION

Specification	
Accuracy	Better than 1%
Repeatability	Better than 0.2%
Power	220VAC (standard), 110VAC (optional)
Measurement circle	500ms (Twice per second, one circle collect 128group data)
Installation	Clamp
Display	Two lines displaying (instant flow, total flow, signal status, etc.);
Communication protocol	MODBUS protocol, FUJI extension protocol
Printing output	Built-in one body thermal printer. (can realize the real-time printing or fixed time printing);
Data storage	Match with SD card data logger to store data of time, instantaneous flow, total flow, signal status, etc. Can read the data on the computer (Can only choose one from data storage printing);
Heat function	Match with PT100clamp platinum resistor can realize the heat measuring function
Other function	Self-diagnose, indicate the working status is normal or not.

SENSOR PARAMETER

Parameter	Standard HS	Standard HM	Standard S2	Standard M2	Standard L2
Measuring range(mm)	15~100	50~700	15~100	50~700	300~6000
Material	Aluminum alloy		Plastic alloy		
Working frequency	1MHz				
Installation way	V(N,W)	V,Z	V(N,W)	V,Z	Z
Calibration	Whole set matching calibration				
Magnetic	With				
Temperature	0ºC~160ºC				
Protection	IP65				
Dimension(mm)	200×25×25	280×40×40	45×30×30	71×37×40	91×52×44
Weight(g)	250	1080	75	259	535
Fluid type	Water, Sea water, Sewage, Alcohol, various oil, Other sound wave condition, single, uniform and stable liquid.				
Fluid turbidity	≤20000ppm and without much bubble				
Suitable pipe material	Carbon steel, Stainless steel, cast iron, Copper, PVC, Aluminum, Glass fiber reinforced plastics and other Uniform density pipeline, Liner is permitted.				
Suitable pipe liner	Epoxy asphalt, Rubber, Mortar, polypropylene, Polystyrene, Bakelite, PTF, etc.				
Signal cable	Standard:5m*2; 10M*2and 15M*2 is available.				