

Ultrasonic Heat Meter for HVAC and Residential Use

This compact ultrasonic heat meter features low power consumption, allowing it to operate continuously for over 10 years on a single battery. It is suitable for measuring heat consumption in residential buildings, district heating systems, and centralized air conditioning systems.



Product Overview

Precision Ultrasonic Heat Metering

This ultrasonic heat meter is a high-accuracy Class II instrument engineered for professional HVAC and residential heat consumption measurement. It utilizes advanced sensor technology to deliver reliable data across a wide thermal range. Built to withstand demanding residential environments, the meter ensures long-term operational stability and accurate performance for billing and monitoring.

Performance Metrics

Key Performance Metrics

1.6 MPa

Max Working Pressure

95 °C

Max Temperature

2

Accuracy Class

Technical Specifications

Operating Ranges

Parameter	Value
Temperature Range	4°C ~ 95°C
Temperature Difference	3°K ~ 70°K
Protection Class	IP54
Temperature Sensor Type	Pt1000, DIN/IEC751B

Compliance and Ratings

Class II Accuracy, IP54 Rated, DIN/IEC751B Sensor