

Complete Solutions for BTU Measurement – Only from Spire Metering!

Spire Metering is the one-stop solution provider for your BTU measurement needs. We supply a wide range of BTU meters and data services to meet the challenging demands of the building resources/energy management industry. Primary applications include HVAC, office buildings, apartment complexes, condominiums, malls, commercial buildings, facilities, solar heating systems, geothermal systems and other green credit applications.

Portable BTU Meter – Model: RH40

- Measure thermal energy of a heating/cooling system in 5 minutes
- Portable, compact and light weight design (1.2lbs for the handset)
- Unique clamp-on fixture for quick and easy installation
- Wide pipe size range, from 1/2"-120" (DN15-DN3,000mm)
- Rechargeable battery for 10 hours of operation
- Large built-in data logger
- User friendly interface with Quick Start step-by-step guidance



Clamp-on BTU Meter – Model: TP10, TP40

- Non-intrusive BTU energy measurement
- Easy clamp-on installation. No pipe work required
- Proven robust and accurate
- Maintenance-free design with no moving parts to wear out
- Multi-path ultrasonic technology for increased accuracy and reduced straight pipe run requirement
- Signal quality tracking technology for reliable performance
- Surface-mount or insertion-type RTD sensors
- Durable transducer and enclosure design
- Easy BMS and PLC integration with 8 interface options, pulse, 4-20mA, Modbus, BACnet, LonWorks, wireless, etc.
- Suitable for long-term facility & building BTU/flow management



Inline BTU Meter for Utility Billing – Model: 280T

- Battery-powered ultrasonic BTU meter providing 6 years life
- Economical
- Meet EN1434 and OIML R75 heat meter standards
- Maintenance-free design with no moving parts to wear out
- Based on transit-time difference, thus, inherently robust
- Meter accuracy does not change with temperature, pressure, or aging over years
- Automatic meter reading (AMR) ready
- Ideal for residential and commercial building sub-metering and billing



High Accuracy Magnetic BTU Meter – Model: T-MAG-F

- BTU measurement for liquid heating/cooling circuits
- Billing grade accuracy - flow: $\pm 0.5\%$, differential temperature: 0.15°F (0.08°C)
- No moving parts to wear out
- Built-in energy and flow totalizers
- Robust design
- Plug and play. Simply to use
- Suitable for accurate energy billing



Insertion Magnetic BTU Meter – Model: T-MAG-I

- Insertion flow sensor for easy installation
- Hot-tapping toolkit for flow sensor installation without line depressurizing
- Flow accuracy to 2%
- Robust performance
- Abundant input/ output options
- Suitable for general purpose BTU measurement in facilities, hospitals, campus, commercial mall and various buildings



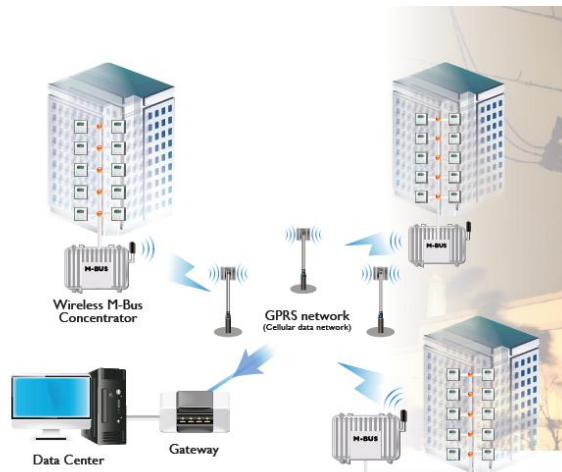
Wireless Telemetry System for Remote Data Collection & Sensor Management – Model: uGalaxy Telemetry System

- Wireless remote monitoring for flow, temperature, energy and liquid level
- Web-based data presentation. Web-based access anywhere, anytime
- Leakage detection and alarm notification
- Automated meter reading according to preset schedule
- Real-time data monitoring and recording



AMR/AMI for Automatic Meter Reading and Data Management – Model: SpireCapture AMR/AMI system

- Automated meter reading according to preset schedule
- Automatic detection of utility meters in a M-Bus network
- Utility meter management and client profile management
- Leakage detection and alarm notification
- User-friendly billing software
- Crucial tool for utility revenue capture, from small apartment buildings to large-scale district utility management installations



About Spire Metering Technology

Spire Metering Technology is a global supplier of premium Flow Measurement and Energy Metering solutions for industrial, commercial and residential applications. In response to growing demand for lower costs and more precise measurement, the company offers one of the broadest, most affordable lines of ultrasonic and magnetic flow measurement and energy metering products in the industry today. Available through a global network of specialty distributors in more than 30 countries across the globe, Spire Metering Technology helps measure water resources and energy consumption for leading organizations like Siemens, NASA, Honeywell, Johnson Controls, Schneider Electric, and over 1,000 customers worldwide. Headquartered in Acton Massachusetts, Spire Metering Technology is located on the web at www.SpireMT.com