

# ***ISTEC***

## ***Smart BTU METER***



*ISTEC's new Smart BTU METERS* make cost allocation and billing easier and more accurate, with the use of the new Chip Card Reading System. The Chip Card System transfers the BTU total from the meter to your computer without error using *ISTEC's* free software. The downloaded information can be organized very easily with your favorite Spreadsheet or Word Processing program, e.g. Microsoft Excel, Microsoft Word etc.

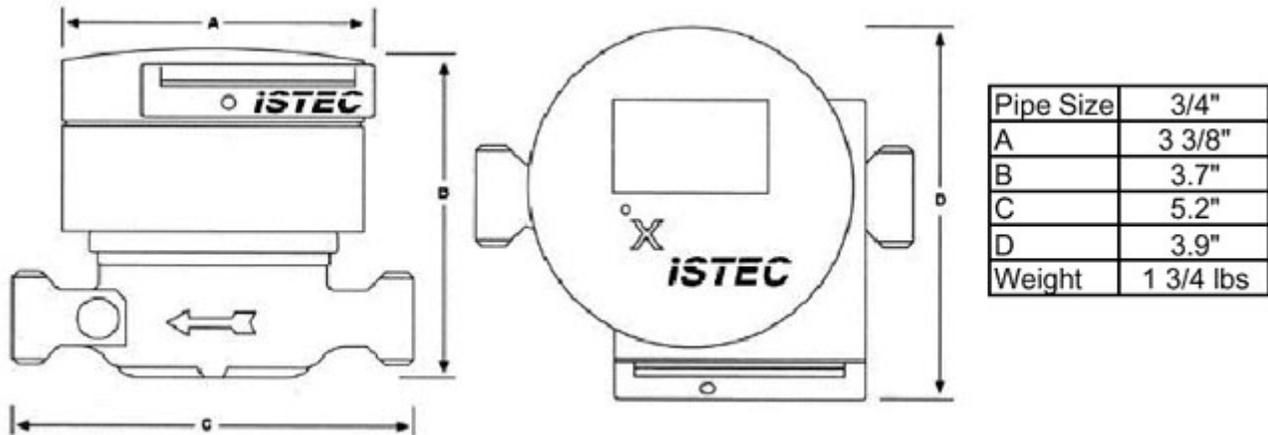
The *Smart ISTECH* BTU Meters calculate energy consumption by multiplying the flow volume by the difference in water temperature between the supply and return lines and display the BTU total on an LCD counter. *ISTEC* ensures the highest level of accuracy by using Platinum temperature sensors and microprocessor calculations.

The BTU information is shown on a non-resettable 6-Digit Liquid Crystal Display. When a Chip Card is inserted, the total BTU count and the meter's identification number are transferred to the card. The Chip Card can store information from as many as 50 different meters, which can include BTU Meters, Water Meters, or any pulse meter with the Pulse to Chip Card Converter. The information from the meters can be transferred faster and without error into your computer for billing, statistical analysis, etc.

*Smart* BTU Meter installations are easy with the use of threaded union connections. The meter also has an arrow on its body to indicate the direction of water flow. The Chip Card Module is equipped with a 6-year battery for many years of worry-free service and a security seal to prevent tampering.

*ISTEC's Smart* Meter System can also be used for **any** other metering application: gas, steam, oil, etc. The Pulse to Chip Card Converter allows **any** meter with a pulse output to have the same advantages as a Smart Meter.

# Dimensions

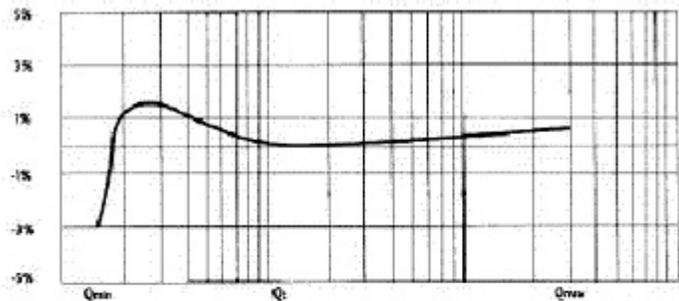


# Technical Specifications

Smart BTU Meter 3/4"

|                      |           |
|----------------------|-----------|
| Product Number       | 5201      |
| Max Temperature      | 190°F     |
| Qmin (Minimum Flow)  | 0.2 GPM   |
| Qn (Continuous Flow) | 11 GPM    |
| Qmax (Maximum Flow)  | 22 GPM    |
| Max Pressure         | 230 psi   |
| Temp. Sensor Wells   | 3/8" NPT  |
| Sensor Cable Length  | 6'        |
| Display              | BTU X1000 |
| LCD                  | 6-Digit   |
| Temperature Sensors  | Platinum  |

Accuracy Curve



## Look at these Advantages!

- High Accuracy
- Easy Installation
- Low Cost
- Easy Information Transfer
- Free Software
- Attractive Design
- Tamper-Proof
- No Errors etc...

## Other Quality Products:

- Water Meters (Hot or Cold)
- Condensate Meters
- Steam Meters
- Oil Meters
- Balancing Valves
- Radiator Valves

**SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE**