

# CHIP CARD SYSTEM

## 5000 Series



### Applications

- Hot/Cold Water Meters
- BTU Meters
- Gas Meters
- Oil Meters
- Steam Meters
- Electric Meters

### Product Overview

ISTEC's Chip Card System is used to measure and read Water Consumption, Energy Consumption in Heating and Cooling systems; or any other metering system with a pulse output.

The use of the Chip Card System virtually eliminates the error in the transcription process. It is a very simple and accurate way of transferring information from multiple meters to your computer.

### Components

**Chip Card** is a credit card sized "smart card" equipped with a microprocessor module. A single card can store data from up to 50 meters.

**Chip Card Reader** transfers data from the Chip Card into your computer.

**Smart Water Meter** is a Water Meter (Hot or Cold) with a Liquid Crystal Display and a Chip Card Port. The Water Meter measures the flow and displays the total on the 6-Digit Liquid Crystal Display.

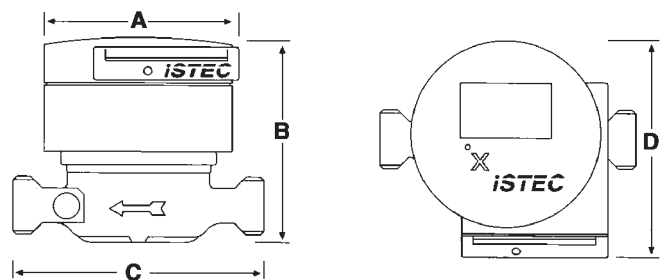
**Smart BTU Meter** is similar to the Smart Water Meter with the addition of platinum sensor probes. It measures the energy consumed in heating or cooling systems and displays the BTU total on the Liquid Crystal Display.

**Pulse to Card Converter** allows any pulse meter (gas, electric, etc.) to be compatible with and part of the Chip Card System.

### Technical Specifications

Product Number	5101	5102	5201
Max. Temp. (°F)	104	190	190
Min. Flow (gpm)	0.2	0.2	0.2
Cont. Flow (gpm)	11.0	11.0	11.0
Max. Flow (gpm)	22.0	22.0	22.0
Max. Pres. (psi)	230	230	230
LCD	6-Digit	6-Digit	6-Digit
Display	Gals.	Gals.	BTU
Temp. Sensors	N/A	N/A	Platinum
Sensor Wells	N/A	N/A	3/8" NPT
Sensor Length	N/A	N/A	6'

### Dimensions



Pipe Size	A	B	C	D	Weight
3/4"	3-3/8"	3-5/8"	5-1/8"	3-15/16"	1-3/4 lbs