

The Vision ST Meter is packed with capability.

At Vision Metering, customer input has dictated the specifications upon which our meters were designed and manufactured. Our meters continue to evolve based on the expectations of our customers.

The Vision ST platform offers Demand, TOU, Load Profile, and Bidirectional functionality at no extra charge. You simply turn it on in the 20/20 Software and program the meter. There is no battery available in this meter so TOU and Load Profile will not be accurate.

In order to combat theft, Vision Metering has implemented magnetically shielded power supplies and/or current



- ANSI C12.18, C12.19, C12.20, & C37.90.1 Compliant
- Utilizes Current Transformer(s) for Measurement
- Available for 120 or 240 or 480 Volts +/- 10%
- Radio with Data on Demand or ERT Transmissions (Optional) with SCM and IDM Capability (Up to 5 ERTs)
- LCD Display is soldered to the board
- Accuracy Class +/- 0.2%
- Uses Vision 20/20 Software for Programming (included with the purchase of meters at no charge)
- Shipped with Accuracy better than +/- 0.15%
- Designed for 20 Year Life
- Standard Delivered, Received & Net Metering
- Continuous Instantaneous KW Available
- TOU, Load Profile, Reactive, Demand, Net Metering and 4 quadrant metering are Standard Features
- No exposed metal parts (when installed)
- Starting Watts < 1.2 @ 120 VAC < 0.6@ 240 volts
- 50/60 Hz +/- 5%
- Utilizes Maxim Teridian Technology
- 30 Digit User Defined Security Key
- Optional Pulse Output Board

## COMMUNICATIONS

**Internal HP RF Radio 900 Mhz**  
Transmitting SCM and IDM Messages

**Vision Metering** Data on Demand

### Available in the Following ANSI Forms

1S	Class 100 & 200
2S	Class 200
3S	Class 20
4S	Class 20
12S	Class 200 & 320
Other Forms Available on Request	

**Shipping Weights & Dimensions**  
Vision ST with Polycarbonate Cover

Single Meter	- 1.5 Lbs
Box of 4	- 7 Lbs
Pallet of 120	- 229 Lbs
Pallet of 96	- 193 Lbs

# Here's What You Can Display

## Energy Delivered

KWh Delivered Total  
 KVARh Delivered  
 KVAh Delivered  
 KWh Delivered Phase A  
 KWh Delivered Phase B  
 KWh Delivered Phase C

## Energy Received

KWh Received Total  
 KVARh Received Total  
 KVAh Received  
 KWh Received Phase A  
 KWh Received Phase B  
 KWh Received Phase C

## Volts, Amps & PF

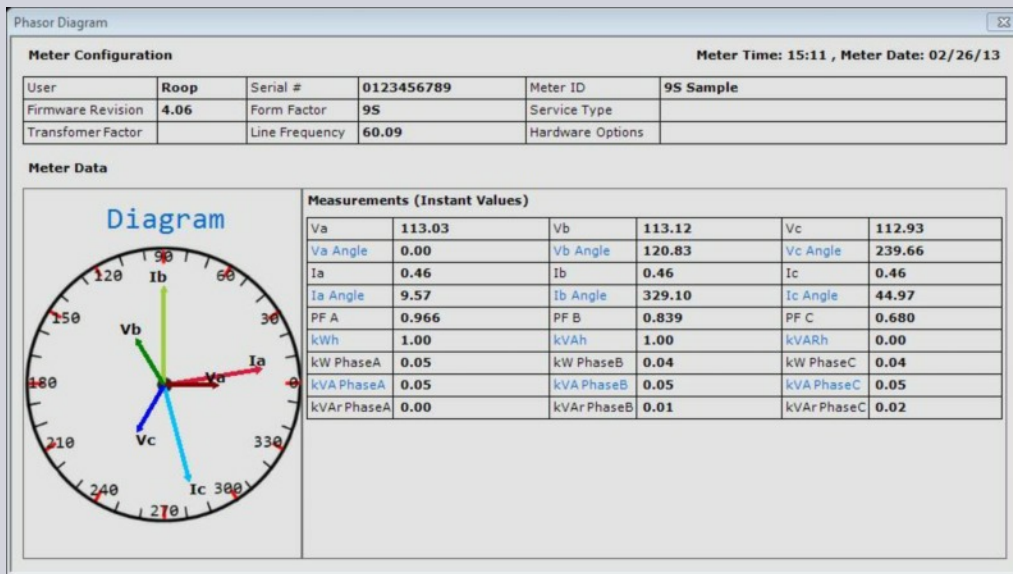
Voltage RMS Phase A  
 Voltage RMS Phase B  
 Voltage RMS Phase C  
 Current RMS Phase A  
 Current RMS Phase B  
 Current RMS Phase C  
 Phase Angle Phase A  
 Phase Angle Phase B  
 Phase Angle Phase C  
 Power Factor Phase A  
 Power Factor Phase B  
 Power Factor Phase C  
 Total Power Factor

## Demand

Max KW Demand  
 Max KVA Demand  
 Max KVAR Demand  
 Cumulative Demand  
 Continuously Cumulative  
 Demand Reset Date  
 Demand Date, Max KW  
 Demand Date Max KVA  
 Demand Date, Max KVAR

## Time of Use

KWh Rate A  
 KWh Rate B  
 KWh Rate C  
 KWh Rate D  
 Cumulative Demand  
 Continuously Cumulative Demand  
 Demand KW Rate A  
 Demand KW Rate B  
 Demand KW Rate C  
 Demand KW Rate D



The Vision ST Meter is packed with capability. When interrogating the meter with Vision's 20/20 software, you can view any or all of the variables listed above and look at how the customer is using power. Instantaneous Phasor Diagrams are available to view what is happening at the customers site in real time. You can also save the diagrams and other information to review at a later time.

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