

A Veteran and Woman Owned Company

Vision Metering

Proudly Assembled in the US



Wedge is an optional feature

31" X 19" X 19"
158 Lbs



18" X 19-3/4" X 19-3/4"
138 Lbs

The Cube is designed for customers that prefer the computer and monitor be external to the test system. Some customers desire to use their own computers and monitors to provide ultimate security on their networks. When a Cube is sold, the software necessary to run it is delivered on a USB drive.



Vesta Test System—Gen 5

The only test system you can drive with your finger

Vision Metering started building the Vesta Test System in 2016. Since then there have been various upgrades because of our requirements with building the Vision Meter. Our combined shops have more than 80 Vestas in use every day. The demands on our equipment are far greater than any utility as each of these boards tests hundreds of meters per day. The common modes of failure have been enhanced to provide minimum down time.

Vesta is a solid, reliable performer. Its jaw system is motor driven instead of a solenoid, making the operation much more quiet. The standard Vesta is completely self contained. No external computers or monitors. Everything is done with a touchscreen and bar code reader. No keyboard or mouse required but one is included.

Vesta is a true 100 Amp 3 Phase Test System with every facet being programmable or controllable. It can test from 69 volts to 600 volts and any phase angle can be programmed on each phase. This allows simulation of actual field conditions and how your meter will perform when installed in unique situations.

Vesta has a pulsed pick up for every type of meter including the use of an optical port. You can load any manufacturer's software on the system and program the meter directly before or after testing.

The internal computer is an Intel Nuc with an Intel I-7 processor, 500 gb solid state hard drive and 16 Gb of RAM. The monitor is industrial grade capacitive touch and very robust. The entire enclosure is made of sheet aluminum and custom aluminum extrusions.

There are four pulse pickups that are standard; Pull Down pickup for Itron Centron meter, Optical Probe, Snake Pickup, and adjustable arm. The boards are designed for high volume testing.

All Vestas have an internal standard which will operate from 5 to 600 volts and from .01 to 100 amps with an accuracy better than 0.04%. It is a True Three Phase Standard.

Available in English or Spanish

Specifications

- True Three Phase Operation
- Test up to 100 Amps
- Accuracy +/- 0.04%
- Voltage Accuracy 0.02% @ Unity
- Current Accuracy 0.02% @ Unity
- Voltage Range 5 to 600 V RMS
- Adjustable PF Angle from 0 359.0
- Test all meter forms except 7S
- Programmable unbalanced per phase testing
- Will test internal disconnect switches
- 120 or 240 VAC input power
- Maximum 1050 VA current consumption
- Less than 0.04% Total Harmonic Distortion
- Industrial Grade Touchscreen
- Windows 11
- Bar code scanner included
- Comes with wireless keyboard and mouse
- Motor Driven Jaw System



A- Based Adapters are available for forms 1A, 2A, 4A, 5A, 8/9A and 16A meters.



Everything in Vesta is programmable and controllable. Test Boards used in Vision's production use scripts which will automatically test the 200 amp switch, calibrate, test and load the XML file without any operator intervention. The operator simply installs the meter, scans the bar code and moves to the next test board. Once the operation is completed, the operator removes the meter and installs another one. Very little operator interface.

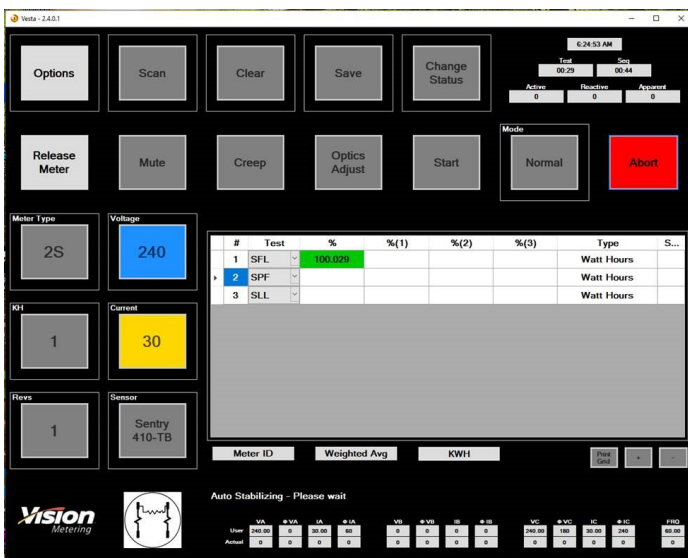
Vesta Cube does not come with computer, monitor, mouse or keyboard. (Customer Supplied). The cube is designed for larger utilities where network security is very tight. They are only allowed to use computers that have been through their security protocol.



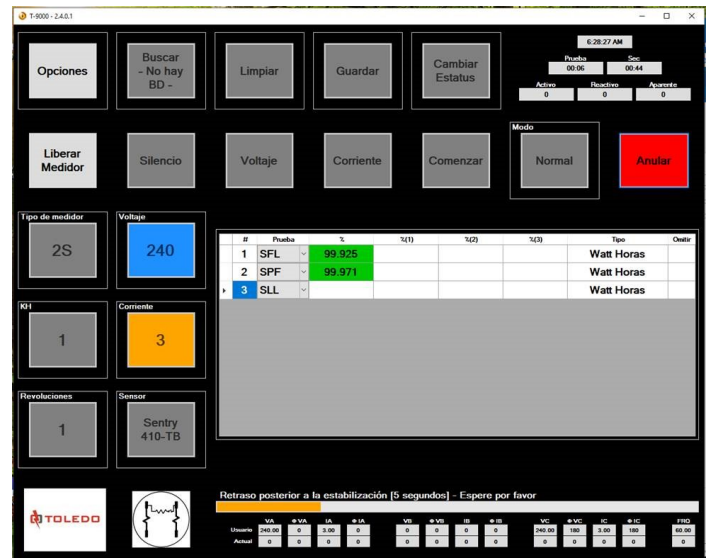
Testing with optical arm



Testing with the Centron Pick-up



English



Spanish