VESTA Cube

VESTA Cube is Configurable

Vesta Cube's design conforms to your specific needs. It can be configured in multiple ways to work best in your shop. It is driven from an external computer which can be supplied by Vision or supplied by the buyer. You can mount the display on a configurable arm or on top or along side the Cube.

Unlike VESTA, Cube has an external computer to satisfy utility security concerns. The typical computer provided with Cube is a Windows 10 Pro with a minimum of I5 Intel processor or higher, 8 mb RAM, and 500 MB storage or higher and net workable.   The monitor provided is a touch screen to maintain ease of use like the standard VESTA.

Vesta Cube uses multiple processors operating in concert to provide high speed testing, high accuracy and ease of use. B e c a u s e o f *Vesta's* firmware, software and multiple internal processors, meter testing is much faster than with legacy

The heart of *VESTA Cube* is a smaller version of VESTA designed to provide more flexibility to those desiring an external computer and display. It utilized the same true 3-Phase 100 Amp standard which also has a voltage and current output. The combination of pulses, volts and amps provides a dual reference for accuracy. The voltage and current amplifiers are Type AB Audio amplifiers, which provide minimal distortion..

The jaw system is truly unique compared to those used in other test equipment. The jaws are motor driven and very quiet. Other manufacturers use coils which make a loud noise when opening and closing.

Everything in *VESTA Cube* is controllable and programmable. All timers used for settling with electronic meters are variable to minimize testing time. The same *VESTA* software also drives the **Cube.**

The optical probe can be used to test the meter and communicate with the meter via the manufacturers software. Programming *VESTA Cube* to test a meter and then reset registers can be accomplished without changing the probe or moving the pulse pick up arm. With electronic meters, there is no need for a pulse pick up arm.

VESTA Cube uses specially designed auto alignment sensors to test certain meters like Itron™ Centron meters where the infrared pick up is located on the top and the Sensus™ Icon meters where the sensor is located on the front. Both meters would require the use of an arm to pick up meter pulses. The drop down sensors automatically align and reduce test time with the alignment process.

Specifications

* True 3 Phase 100 Amp Test System
* Internal 3 Phase Standard
* Accuracy+/- .04% (typically better than 0.025%) from .01 to 100 Amps @ Unity and all phase angles
* Voltage and Current accuracy is 0.1% true RMS
* Test voltages from 5 to 600 volts
* Power Factor Angle test from 0 - 359.9
* All meter forms can be tested except 7S
* Unbalanced per phase testing using user configurable scripts.
* Will test internal disconnect switches
* Can be configured with any stand alone computer and touchscreen display.
* Dimensions: 18" L X 19 3/4" D X 19 3/4" High
* 129 pounds total weight
* 120 or 240 VAC operation 50/60 Hz
* Maximum of 1050VA load
* Less than .04 THD for voltage & current
* Bar Code Scanner included
* Type AB Audio Amplifiers for voltage and current provides minimal distortion.
* Motor Driven Jaw System
• SQL Database management system included
• Sentry 410 Optical probe for testing and programming meters
• Infrared sensing arm for testing mechanical meters or electronic meters without an optical Port.
• Capable of testing Watts, Vars and KVA. Q hours available upon request.

Some of our customers have IT departments where using a device with an internal computer is not allowed on their system. The *VESTA Cube* was designed for these specific cases. The *VESTA Cube* can use any external computer and monitor desired by the customer.

All of the features in *VESTA* are available in the **Cube**. *VESTA* software is included with the purchase of the **Cube.** Adjustable monitor mounting arms are available to customize the **Cube t**o fit each individual need.

It is recommended that an external computer have an Core I5 or higher processor, 16 Gb of RAM and 500 Gb of hard disk space. The software is designed to operate on Windows 10 Professional.

VESTA Cube ships complete with a Bar Code Scanner, wireless keyboard and mouse, all sensor pick ups, Sentry 410 optical probe and an arm for testing mechanical meters.

Vesta Touch Screen Software

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