



VOTES[®]
INFINITY
VALVE DIAGNOSTIC SYSTEM

A Breakthrough in Valve Testing Technology



CRANE NUCLEAR

What is VOTES® Infinity?

VOTES® Infinity is a revolutionary, portable, state-of-the-art diagnostic system that was developed to dramatically change the way valve testing is performed. By combining the voice of our customers with our long legacy of valve diagnostic expertise and breakthrough technology, we have engineered an innovative test system that greatly

simplifies the data collection and analysis process, significantly reducing time spent at the valve, and reducing human performance errors associated with valve diagnostics as well. VOTES Infinity can be configured to test motor-operated valves, air-operated valves, and check valves.

What Makes VOTES® Infinity Breakthrough?

The VOTES® Infinity Valve Diagnostic System features 12 input/output ports capable of collecting 24 channels of data simultaneously (2 per port). Unlike other diagnostic systems available today, each port is capable of accepting a variety of different types of sensor inputs. This flexibility is coupled with Crane Nuclear's patent-pending ASSIST™ Technology (Automatic Sensor Setup Intelligence for System Transducers). The system immediately recognizes a sensor as soon as it is plugged into the port and configures

the port for data collection for that sensor, requiring no input from the user. ASSIST Technology significantly minimizes the amount of user input required to test a valve, reducing the chance for human error and dramatically reducing the setup time and overall test time.

In addition to ASSIST Technology, VOTES Infinity touts a powerful new user interface that simplifies the

data acquisition and analysis process. The data acquisition wizard is a step-by-step progression of menus, seamlessly guiding the user through the acquisition process. Once acquisition is complete

the acquired data is automatically displayed on the screen where automated analysis routines combined with the inclusion of user-defined test criteria allow the user to quickly interpret the data and assess the operability of the valve.

The VOTES® Infinity System from Crane Nuclear demon-



Infinity's Acquisition Wizard uses ASSIST Technology to automatically detect connected sensors and verify their operability.

strates that simplicity in data acquisition and analysis doesn't require you to surrender more complete functionality. Infinity Software also delivers an array of other powerful tools including standard and custom report generating features, extensive database fields, and detailed trending functions that provide users the flexibility to tailor the application to fit their program.

VOTES® Infinity is the Future of Valve Diagnostic Systems

VOTES® Infinity is

Powerful, Accurate, Portable,
and Rugged.

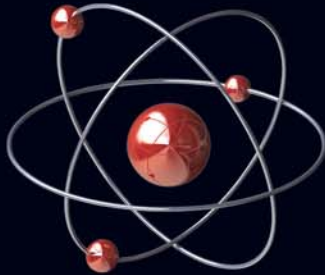


VOTES® Infinity Hardware at a Glance

- ◆ Simplified sensor connection and setup with ASSIST™ Technology
- ◆ Wired or Wireless communication for data transmission between the Data Acquisition Unit (DAU) and the computer
- ◆ DAU has a lithium Ion battery that enables data acquisition time in excess of three hours
- ◆ Any cable for any sensor into any port. Universal cables make setup easy and reduce testing delays attributed to incorrect cable types or damaged cables.
- ◆ Voice communication capability to allow the user to communicate with another person at the valve across the data link between the DAU and the computer
- ◆ The DAU has a compact, rugged enclosure designed to IP56 standards allowing it to be sprayed with water to facilitate decontamination

VOTES® Infinity Software at a Glance

- ◆ Software is easy to navigate and facilitates rapid acquisition and analysis
- ◆ Automated analysis routines are available for all valve types
- ◆ Users can quickly mark events in the data for all valve types and save those marks for future reference and report generation
- ◆ System allows for input of test acceptance criteria for all supported valve types
- ◆ Trend plots can be created for any selected test result
- ◆ Viper™ Signature Software valve and test data can be imported in one easy step



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