



NEW!

VOTES® Infinity
Valve Diagnostic System
For the Nuclear Industry

www.cranenuclear.com

Crane's Technological Advance in Valve Testing offers customers a real competitive advantage.

This innovative valve diagnostic system dramatically reduces time spent at the valve and offers a wide range of sensor options and software tools, resulting in substantial corresponding cost savings.

The advantages of this portable, multi-platform diagnostic tool are:

- 1 **Light and simple to use:** a compact, battery powered system that offers wired or wireless communications and can be operated with minimal training.
- 2 **Fast error-free setup and analysis:** ASSIST™ Technology (patent pending) enables automatic detection and configuration minimizing test/analysis times and human performance errors. Automated Analysis feature greatly reduces analysis time.
- 3 **Multi-valve system:** offers advanced analysis for all automated and manual features, for Motor-Operated Valves, Air-Operated Valves and Check Valves, utilizing the same hardware and software.



All sensors
are equipped with
ASSIST™ Technology

CRANE
NUCLEAR

VOTES® Infinity Valve Diagnostic System

Product features

VOTES® Infinity was developed for verifying operability of Motor-Operated Valves (MOV), Air-Operated Valves, (AOV), and Check Valves.

VOTES® Infinity software features an acquisition wizard that guides the user through set-up of sensors, data acquisition, and advanced analysis. Testing a valve is as simple as clicking *test valve* and following the on-screen instructions.

The Data Acquisition Unit (DAU) is software-controlled, providing a plug and play environment, simplifying test setup, eliminating data acquisition errors and thereby greatly reducing the time spent at the valve.



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Typical applications

Diagnostic testing of MOV, AOV and Check Valves in the Nuclear industry. Also provides general purpose data collection and analysis

Size and weight

8" H x 12" W x 4" D (20.32 cm x 30.48 cm x 10.16 cm)
Approximately 11 lbs. (5 kg)

Temperature range

Operating -4°F to 122°F (32°F to 122°F with battery)
-20°C to 50°C (0°C to 50°C with battery)
Storage -40°F to 185°F (-40°C to 85°C)

Sensor connector ports

12 universal ports, each with dual channel capability for a total of 24 available input channels

Ethernet

The system uses both wired (802.3) and wireless (802.11b) Ethernet

Power Supply

External power supply or internal 10.8V Lithium ION battery for up to 4 hours

DAU power supply

Input 100 - 240 VAC, 50 - 60 Hz, Output 18 VDC 8.3A

Audio port

Allows DAU and PC voice communications

For further technical information please contact Crane Nuclear:

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