

VALVE AUTOMATION CENTRE (VAC)



THE HIGH PERFORMANCE COMPANY

AUTOMATION EXPERTISE EFFICIENCY

Controlled solutions.



AUTOMATION CENTRE

Bray's Valve Automation Centre (VAC) is your single source for turnkey automation solutions tailored to fit your applications. From valve and actuator sizing recommendations, to designing and modeling fully integrated controls packages, our application engineers work closely with clients to understand their technical requirements and provide reliable, efficient and safe valve automation solutions you can trust.

As a worldwide industry leader and manufacturer of valve, actuation and control accessories, Bray's in-house capabilities and expertise allow for the fast and efficient delivery of bespoke packages, that always exceed our customers expectations.

SINGLE SOURCE SUPPLIER

As a single source supplier Bray can offer our customers the following benefits:

- > **An Automation Expert** (Single point of contact) to make your process efficient while saving time and money.
- > **Expedited quoting** and specifications process.
- > **Quick assembly**, testing, and delivery turnaround of automated packages.
- > **State of the art technology**, tools, and equipment.
- > **Full customer support**, including start-up commissioning and field service.
- > **Simplified supply chain** as working with Bray can streamline the procurement process and reduce the complexity associated with managing multiple suppliers

COMPLETE SOLUTION

Bray work meticulously with quality manufacturers of **Pneumatic, Hydraulic, Electric actuators and control accessories**, to provide our customers with valve automation solutions that you can trust. Our solution includes:

- > Product Expertise
- > Valve Selection
- > Actuator Selection
- > System Integration
- > Customization and Fabrication
- > Calibration and Assembly
- > Training and Support
- > Installation and Commissioning
- > Maintenance and Repairs

TECHNICAL EXPERTISE

As a leading technology innovator with advanced engineering, research, and development capabilities, our VAC adeptness in troubleshooting and maintenance, enables swift diagnosis and resolution of operational issues to minimize downtime and optimize system performance for our clients.

At Bray we ensure the highest levels of product performance, quality, and reliability. We are experts in the following technical areas:

- > Sizing
- > Selection
- > Troubleshooting
- > Servicing
- > Complex controls
- > Fail options
- > Fugitive emissions calculation
- > Energy efficiency
- > Speed control
- > Overrides
- > Smart monitoring
- > Volume tanks
- > Redundant circuits & accessories

CAPABILITIES SERVICES SUPPORT

Tailored engineering.



APPLICATIONS

Integrated solutions for various valve and automation applications, including:

- > Isolation
- > Emergency shutdown
- > Control/Modulating/Throttling
- > High temperature
- > Cryogenic
- > Quick acting
- > Pressure swing absorption
- > Blowdown
- > Dribble control
- > Flare combustion
- > Molecular sieve
- > Fugitive emissions
- > Dampening

PROCESSES & DOCUMENTATION

Stringent processes are followed and all required commercial/technical documents are provided, including:

- > Functional testing and records for all assemblies
- > Valve hydro-test certificates and full traceability records
- > Precise calculation sheets
- > Checklists
- > ISA data sheets
- > MTRs
- > Drawings
- > Certificate of origin

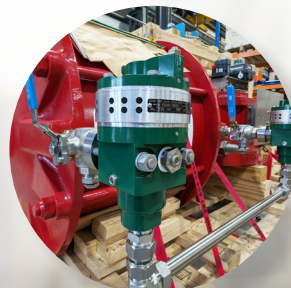
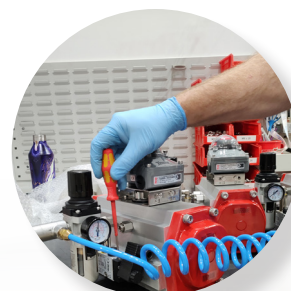
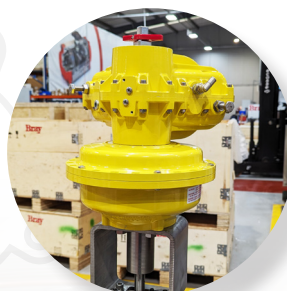
QUALITY & TESTING

Our **Quality Management System, ISO 9001**, ensures every product is delivered as designed, with a quality level that meets or exceeds requirements.

Rigorous testing procedures are undertaken to ensure they meet performance specifications and regulatory requirements before deployment in operational environments.

Testing includes:

- > **In-house industry standard testing**, plus special test accommodations.
- > Functional, performance, endurance, sealing integrity, control system, safety, environmental, validation, document and reporting testing is deployed.
- > **Multiple sign-off inspections** are completed for all assemblies.
- > **We understand that every application is unique.** That's why our Valve Automation Centre offers custom solutions tailored to your specific needs.



SINCE 1986, BRAY HAS PROVIDED FLOW CONTROL SOLUTIONS FOR A VARIETY OF INDUSTRIES AROUND THE WORLD.

VISIT **BRAY.COM** TO LEARN MORE ABOUT BRAY PRODUCTS AND LOCATIONS NEAR YOU.

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