

SCVP3000 Proportional Valves Accuracy, reliability and diagnostics.

Features and Benefits

1. Stand Alone integrated Control System for I.S. machines, high precision, flexibility and repeatability of operation.
2. Throughout machine lifetime there will be any kind of instability or drift.
3. The service console allows to monitor the operation of each of the sections, reporting on the status of its different elements.
4. It can control up to 12 valves per section.
5. Built with open standards and respecting the strictest CE safety and quality standards.
6. Protected outputs against short circuit with automatic reset and opto coupled.
7. Authorization level and management and maintenance programs.
8. Continuous measurement of the position accuracy of the motors. High repeatability of production.
9. According to European Regulation.

The SCVP3000 Proportional Valves Control is an integrated Stand Alone system for the I.S. machines, which provides high-precision control of the operation.



The engineering that fits your needs



Since 1989, Avacon has been devoted to the search for innovative solutions in industry, with our specialism being process automation and improvement. Highly successful engineering projects undertaken in such demanding sectors as glass manufacturing and metalworking have shaped our skilled team of experts. Avacon provides bespoke solutions by working with its customers on each detail.

SCVP3000 Proportional Valves

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Control cabinet.

High-Precision Control

The SCVP3000 Proportional Valve Control System is an integrated Stand Alone system for the I.S. machines, which provides high-precision control of the operation of the proportional valves and guarantees flexibility and repeatability of operation. It can control up to 12 valves per section.

The equipment consists of a control module where they are located:

The central valve control unit and its power supply.

The inputs and outputs of the process.

The control architecture is based on fully commercial equipments.

Reliability and Diagnostics

All parts of the equipment are protected against short circuit, short to ground, electrostatic and electromagnetic interference.

The service console allows to monitor the operation of each one of the sections, reporting on the status of its different elements. The system helps its repair.

Versatility

It allows to control 4 pressures per valve in an easy and intuitive way.

It allows to have total control over the pressure in the punch mechanism at the time of pressing movement.

It can operate in closed loop with the process control.



Proportional Valves supervisor.



The engineering that fits your needs

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