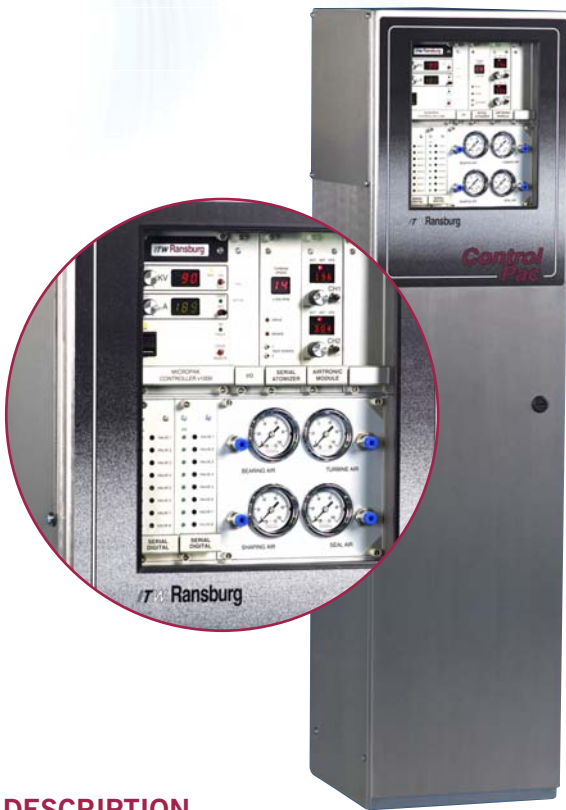


CONTROL PAC

COMPLETE COMPACT CONTROL PACKAGE



DESCRIPTION

The Control Pac incorporates all aspects of ITW applicator control processes in a compact, sleek design. Control Pac's single control panel enables attached robots to directly interface with the control processes of the applicator without the need for secondary PLC or complicated wiring routes.

The sleek, brushed stainless steel panel sits next to the robot controller and below the viewing window of the booth. This provides interference free viewing into the booth, allowing immediate and direct applicator feedback.

The Control Pac panel monitors and uses closed loop controls for the HV (MicroPak), the Turbine speed (Atomizer Card), the Shaping air and Seal air for bells or the Fan and Atomization air for guns (AirTronic). The panel can also control up to 16 digital pneumatic outputs for trigger or color valves (Pneumatic Digital Cards). All of the applicator parameters are monitored and controlled directly by the robot processor.

FEATURES AND BENEFITS

- **Compact Design...**for easy incorporation with minimal floor space.
- **Controls All Applicator Functions in One Complete Package...** providing excellent value.
- **Can be Used on Guns and Bells...**provides design flexibility.
- **Configured for Universal Input Power (110-240VAC, 50/60 Hz)...**meets global power standards.
- **Closed Loop System Control...**monitors and controls all applicator functions to maximize productivity, consistency and quality.
 - **Turbine Control...**maintains a consistent atomizer rotation speed.
 - **Air Volume Control...**maintains a consistent air flow volume for accurate atomizer spray pattern control.
 - **High Voltage Control...**maintains consistent electrostatic voltage and current control while maintaining optimum safety.
- **Discrete I/O Communication...**meets a wide range of system requirements.
- **Up to 16 Digital Pneumatic Output Capability...**provides integrated digital electrical to pneumatic interface.
- **Push in Fittings...**designed to fit specific applicator tubing configurations (metric or fractional).
- **All Internal Components are "Plug and Play" Sub Assemblies...** making troubleshooting and repair quick and simple.
- **Multiple Feedback Methods...**offers a comparison of pressure to volumetric flow and rotation speed for early trouble indicators.
- **Digital Indicators and Analog Gauges ...**provide easy, at-a-glance viewing of operating parameters and pressures.
- **Calibration Ports for Gauge Verification...**makes routine maintenance faster and easier.

CONTROL PAC

COMPLETE COMPACT CONTROL PACKAGE

SPECIFICATIONS

Electrical / Physical

Power Requirements:

Voltage	90 – 240 v AC, Single Phase
Current Input	10 Amp max
Digital I/O	24VDC (sink or source)
Analog I/O	0-10 VDC or 4-20 mA

Air Requirements:

Inlet	1" NPT (F)
Input Pressure	100 psi +/-5 (6.4 bar +/-0.3)
Air Volume	150cfm@100psi
Filtration	40 Micron
Max Oil	1.3 g/m
Max Water	0.1mg/Kg

Dimensions

Height	51 in (130 cm)
Width	13 in (33 cm)
Depth	15 in (38 cm)
Panel Weight	90 lbs (41 kg)
Ship Weight	130 lbs Max (59 kg)

CONTROL PAC KEY BENEFIT REVIEW

- Improving controls equals improved quality
- Smarter applicators and controls result in more even paint consistency
- Can control direct charge or indirect charge applicators
- Operators no longer have to hassle with continually adjusting spray patterns
- Can be interfaced with a robot or machine
- Self-sealing calibration ports for pneumatic gauge calibration
- Gauges readily available and easy to view
- Interfaces directly with the controller for easy installation and direct controls.
- Complete applicator control.

CONTROL PAC IS IDEAL FOR USE ON THE FOLLOWING APPLICATORS:

- Aerobell 2 (direct or indirect charge)
- RMA-202
- RMA-303 (direct or indirect charge)
- Evolver

Digital display provides bright, easy readability.



Back side of Control Pac shows integrated componentry



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