



MicroPak 2e

High Voltage And Atomizer Controller

The Ransburg MicroPak 2e, in conjunction with a Ransburg cascade, is used to provide high voltage for electrostatic equipment. The system uses a combination of proven high voltage generation technology, including microprocessor-base control with diagnostic and communication functions.

The unit is available in a compact, stand-alone unit or single component that easily slides into a euro-rack or control system. The MicroPak 2e's simplified controls and user-friendly control panel make it easy to control the high voltage, applicator speed and pneumatic I/O of a single applicator, while easily interfacing with PLC hardware. The MicroPak 2e is the perfect companion for Ransburg applicators; Aerobell, Aerobell 33, Aerobell 168, Evolver SE, TurboDisk or RMA applicators.

Ultimate in Operational Safety...protections include over voltage, over current, DI/DT and DV/DT.

Simplified controls...a user friendly control panel makes it easy to operate and change settings.

Simplified installation...the new stand alone, compact unit greatly reduces cost and installation time.

Ethernet IP communication...designed for use in process control.

FEATURES

- Cold Fire Processor
- 12 digital Inputs
- 18 digital outputs
- 8 analog outputs configurable
4-20mA or 0-10V
- 7 analog inputs configurable
4-50mA or 0-10V
- 1 high speed pulse input
- 2 high speed encoder inputs



The MicroPak 2e's simplified controls and user-friendly control panel.

Specifications

Physical	
Operating Temperature	0°C to +55°C
Humidity	95% Non-Condensing
Physical Size	5.1" tall X 8.5" wide X 6.5" deep
Electrical	
Power Required	(per controller)
Controller	24V DC @ 0.5 Amps
Cascade	24V DC @ 6.0 Amps (fully loaded output), Ran Pak 1000 (RP1000) Cascade 24V DC @ 2.0 Amps (fully loaded output), HP404, RP404, HP505, A12760 and A12761 Cascades
High Voltage Power	24 Volts, 10Amp, Form C relay contact
Discrete In	(Dry Contact) Remote Stop Misc IO Interlock/Trigger Door Interlock Booth Air Interlock (Analog) KV Setpoint (0-10VDC)
Discrete Out	(3, Dry Contact) Interlock Out External Power Enable System Alarm
Controller Operating Range High Voltage	0-100kV, settable in 1kV increments
Communication Requirements Control and Reporting	EtherNet/IP
HP404/RP404 Cascade Output	100 kV @ 0 μA 125 μA @ 0 kV
RP1000 Cascade Output	100 kV @ 0 μA 1000 μA @ 0 kV
HP505 Cascade Output	100 kV @ 0 μA 240 @ 0 kV

Let's start a conversation

We want to work together to help answer your application challenges. To learn more about what we can offer, visit our website at **Carlisleleft.com** or call us today.



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