

Service Bulletin

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To: ITW Ransburg and ITW Automotive Finishing Distributors
Subject: New Remote Mode Operating Procedure for Evolver MicroPak Controller

Typical Remote Mode

1. Ensure the AC power, safety ground, low voltage cable, I/O, and interlock connections are made as described in the "Installation" section of this manual.
2. Set the 0-10VDC kV set point input to its minimum value (0 volts).
3. Turn the AC Power ON/OFF switch (see Figure 2) to the ON position. When the AC power is on the green CPU Indicator on the front of the discreet I/O module will illuminate.
4. Turn the MicroPak ON/OFF switch to the ON position. The kV and μ A displays will come on along with the yellow MicroPak Power Indicator located above the switch.
5. Supply a momentary ground connection to the Ready input shown in Table 1. The yellow High Voltage Ready Indicator should turn on.
6. Supply a 24 VDC signal to the High Voltage On input shown in Table 1. The red High Voltage On Indicator should turn on.
7. Adjust the 0-10VDC kV set point input to obtain the desired value on the kV Meter. Ensure the over-current set point is set above the maximum expected current, or an overload fault will occur. The over-current set point can be adjusted by changing the set point of R21 if dipswitch SW3-1 is OFF, or by changing the value of the 0-10VDC over-current set point input (see Table 1) if dipswitch SW3-1 is ON.
8. To turn high voltage off, remove the 24VDC signal from the high voltage on input.
9. When finished spraying, turn the AC Power ON/OFF Switch (see Figure 2) to the OFF position to prolong the life of the internal fan.