

PULSETRACK™ 2

ADVANCED SPEED CONTROL AND ENVIRONMENTAL MONITORING SYSTEM FOR ROTARY ATOMIZERS

Single Location Monitoring of Multiple Systems

User-Friendly Back Lit LCD Touch Screen Panel Display

Multi-lingual Text Options

True Closed Loop Flow Control



**DURABLE, EASY TO MAINTAIN AND UPGRADE:
UTILIZE SEVEN MONITORING/CONTROL CHANNELS
AS EITHER SPEED CONTROL (MAXIMUM OF SIX) OR
TEMPERATURE/HUMIDITY DISPLAYS (MAXIMUM OF FIVE).**

The Ransburg PulseTrack 2 is a microprocessor-based system designed to continuously monitor and maintain the programmable speeds of up to six rotary atomizers while also monitoring temperature and humidity for one or more zones.

The PulseTrack 2 system, with its magnetic pulse signal and closed loop control, represents the latest in disk and bell speed monitoring and control technology. The system delivers a unique, magnetically generated pulse converted to a fiber optic signal by a small module located in each connected rotator assembly. These light signals are transmitted via durable, inexpensive cabling provided for noise immune, reliable and extremely high-speed feedback response.

The PulseTrack 2 system also provides multi-zone temperature and relative humidity monitoring using remotely mounted industrial probes and sensors helping assure your ability to meet today's demands for consistent, high quality finishes.

PULSETRACK 2

SPECIFICATIONS:

Atomizer: All Ransburg rotators including Aerobell, Aerobell 33 and TurboDisk rotators

Dimensions: 20" H x 16" W x 8" D
(508 mm x 406 mm x 203 mm)

Power Input: 88-132 VAC @ 3.0 A
176-264 VAC @ 1.5 A
50/60 Hz Single Phase

Remote Input Connections:

Speed Setpoint for each Rotator	0-10 Vdc/4-20 mA
Trigger/Turbine ON for each Rotator	Contact Closure
Master Trigger/Turbine ON	Contact Closure
Master Reset	Contact Closure

*24 Vdc is supplied from the PulseTrack 2 for contact closure

Remote Output Connections:

Speed Feedback	0-10 Vdc/4-20 mA
Rotator Active	24 Vdc
Rotator Fault	24 Vdc
Master Fault	24 Vdc
Underspeed	24 Vdc
Overspeed	24 Vdc
Loss of Feedback	24 Vdc

Supply Air: 110 psig Max., 40 micron filtration recommended

Remote Enable Pressure Switches:

15 psig min. to activate
150 psig max.

- **Quick Response with Closed Loop Control:** makes all the adjustments necessary to maintain the desired speed
- **Built-in Diagnostics and Fault Detection Assures Quality:** while continually monitoring each rotator for proper operation, alerting the operator to specific fault occurrences
- **Adaptable to Your Installation Requirements:** resulting in the minimum amount of hardware, lowest cost and the most efficient system design
- **Remote Inputs and Outputs:** allow for speed control and accurate monitoring of fault conditions, for rapid modification and correction
- **Rapid Speed Changes with Air Brake (Aerobell Rotators):** useful for fast color changes and when critical changes in turbine speeds are required during normal operation
- **Durable, Easy to Maintain and Upgrade:** utilize seven monitoring/control channels as either speed control (maximum of six) or temperature/humidity displays (maximum of five).
- **Bright, Easy to Read LED Displays:** easy to read display of all rotator speeds and temperature/humidity data.



Ransburg

320 Phillips Ave.
Toledo, Ohio 43612-1493 USA
Phone: 800-909-6886
Fax: 419-470-2233
Website www.ransburg.com
Email: marketing@ransburg.com