GFS ®

**GLOBAL
FINISHING
SOLUTIONS**

VELOCITY™
Control Panel

The Velocity™ control panel combines the function of a fully integrated control system with a user-friendly interface and budget-friendly price tag. Enhanced troubleshooting capabilities, several booth modes and Auto-Balance come standard on the new Velocity control panel.

Color Touch-Screen Interface

A four-inch color touch screen makes it easy to set up, operate and troubleshoot your paint booth. Booth operation data and standard booth modes are conveniently organized on each screen so you can quickly find the information you need.

Easy to Operate

Velocity controls use an Allen-Bradley PLC and HMI, making them simple to navigate. Everything you need – time, temperature, fan speed and alarms – is located right on the home screen. Color coding on screens helps you instantly identify booth statuses and alarms.

GFS Auto-Balance System

Auto-Balancing now comes standard with the Velocity control panel on all pressurized booths. With Auto-Balance, sensing probes and differential pressure gauges monitor booth pressure while a variable frequency drive (VFD) on the motor automatically adjusts exhaust airflow. This ensures that the booth is always operating at peak performance, which results in better transfer efficiency, extended filter life and steady airflow for a consistent paint job.
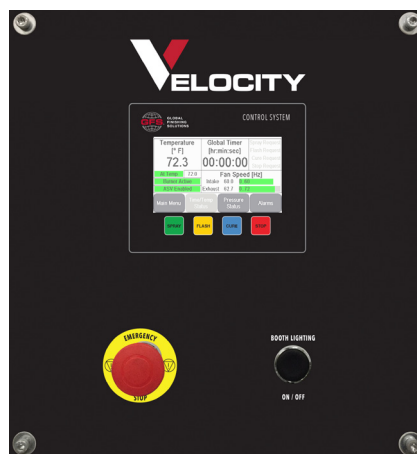
Alarms & Troubleshooting

If an issue arises with your booth, the Alarm button will change color to immediately notify you of any warnings or faults. Up to 100 alarms with date and time can be logged. On AMU-pressurized booths, there is an Ethernet connection from the Velocity control panel to the AMU for enhanced troubleshooting. With this connection, users can read errors without needing to access the AMU directly.

Flexible Booth Modes

For the first time, Flash and Cure modes come standard on all AMU-pressurized booths. The Velocity control panel simplifies process flow and allows you to easily navigate between Spray, Flash, Cure and Stop modes using the touch-screen interface. You can also manage cycle time and temperature within operating modes, which enhances the flexibility and makes the booth adaptable to the coating being applied.

Safety Features

Velocity automatically monitors the booth environment and performs necessary safety checks as the booth transitions from Spray to Flash to Cure or back to Standby mode. Safety interlocks, including fire protection, airflow, access door position, temperature and other checks must pass before Velocity initiates the spray permissive signal. The spray permissive signal will be removed if a safety fault occurs and before the booth transitions into other modes.