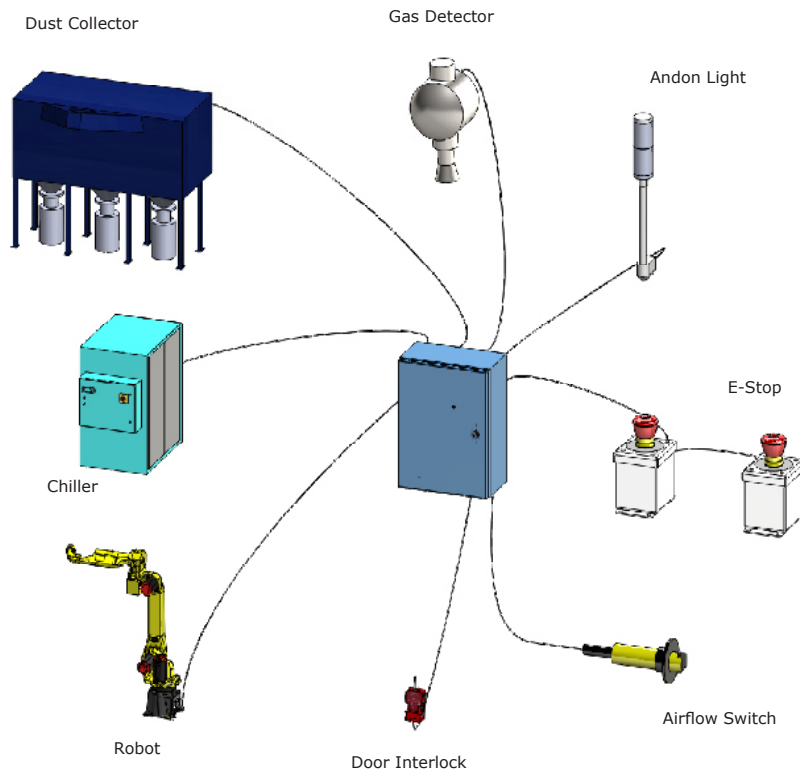
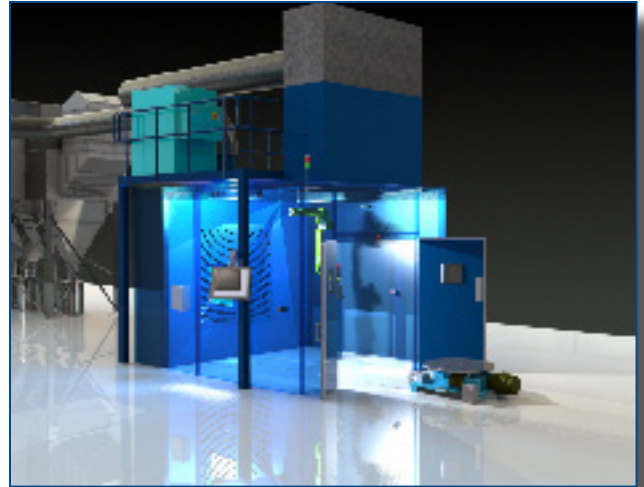


Integrated Safety System

Plasma/HVOF Booth Safety Kit

In any Thermal Spray application, safety is always the first priority. With the HAI Independent Safety System, the basic requirements are covered using proven components. Airflow through the booth, equipment conditions, as well as operator safety and security are monitored through an Allen Bradley monitoring safety relay. Data is reported to an andon light which visually displays the safety condition of the spray area. The system will E-stop the robot if this condition is unsafe. This "Safety Kit" offers options especially designed for use in plasma and HVOF spray cells, many additional options are available.



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Worlds Of Coating Solutions. . .

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ISS500SAFETYKIT.indd

Features

- Allen Bradley Monitoring Safety Relay
- Two Remote E-Stops
- Allen Bradley Safety Door Switch with Keyed Bypass
- Calorimetric Airflow Switch
- Two-State Andon Light
- Single-Point Gas Detection
- Dust Collector On/Off/Fault Monitoring
- Chiller On/Off/Fault Monitoring
- Robot E-Stop/Fence/Safety Condition Monitoring
- Sealed Conduit and Fasteners Terminals

Benefits

- Can Be Added to Any Existing Thermal Spray Booth
- Minimal Installation Required
- Automatically Stops Robot Process if Conditions are Unsafe
- Easily expanded to Full Robot Integration
- All Device Conditions Can Be Seen At the Robot
- Independent Power Source
- Easy Interlocking and Troubleshooting

Options

- Additional Safety Inputs/Outputs
- Additional E-Stops and Door Switches
- Multi-Point Gas-Detection Sensors
- Strobes and Buzzers
- Additional Andon Lights
- Existing Equipment Modification
- Integration to Existing Safety
- Touch-Screen HMI Control System
- Data Logging and Network Communication

We offer other equipment and materials for all your spraying needs.

Contact us for more information!

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