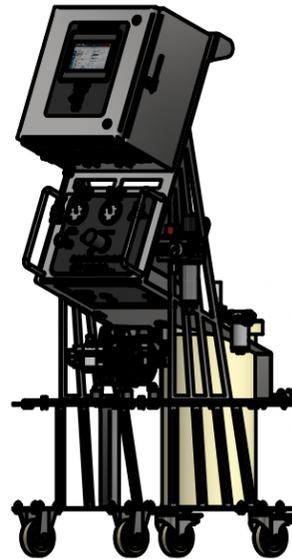


FRAME MOUNTED 2150+

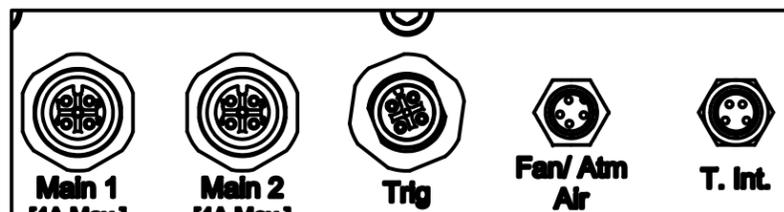


Single Frame Design and Mobile Cart (Optional)

- The 2150+, an ACP, and most fluid delivery versions can be mounted directly to the frame.
 - Available with the following SCS Series fluid delivery versions: **Pump, Pump Less, and Pressure Pot.**
 - Mobile cart has front locking caster wheels.
- Note:** Two Panel Design is provided if frame is not selected.

PLUG AND SPRAY CONNECTIONS

TOP ROW

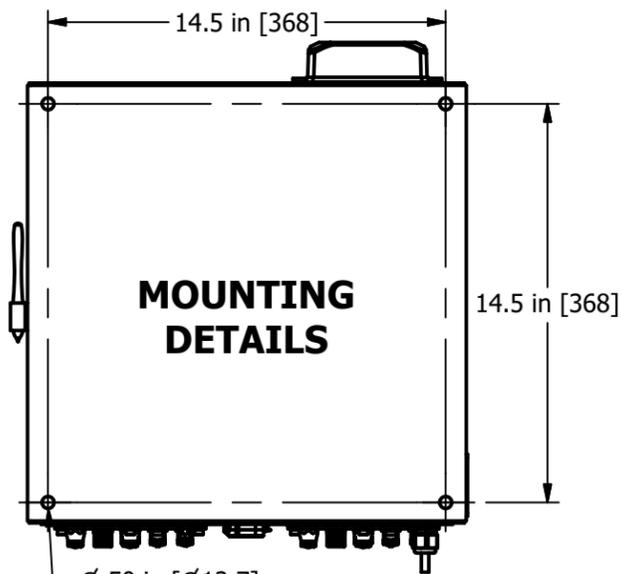


| | |
|-------------|---|
| Main 1 | Nozzle Signal Cable or Junction Block |
| Main 2 | Nozzle Signal Cable or Junction Block |
| Trig | Trigger Sensor Signal |
| Fan/Atm Air | ON/OFF For Fan Air or Atomizing Air |
| T. Int. | Trigger Interlock Input / Fail-Safe Operation |

BOTTOM ROW

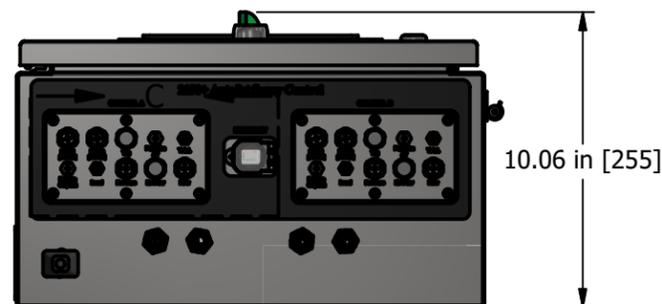


| | |
|-----------------|-----------------------------------|
| Remote Setpoint | Remote Duty Cycle / Analog Signal |
| Level | Level Switch Signal |
| Pressure | Pressure Sensor Signal |
| Encoder | Encoder Signal |
| Flow | Flow Sensor Signal |



MOUNTING DETAILS

QTY 4



(BOTTOM VIEW)

PLUG AND SPRAY CONNECTIONS FOR A TWO CHANNEL SYSTEM

Spray Control System (SCS) Series - 2150+ Spray Control Panel

Features

The 2150+ is the advanced-level offering in the SCS Series. It provides ON/OFF timing control and liquid pressure control for both electrically- and pneumatically-actuated spray nozzles. Users can connect to the 2150+ with a mobile device via Wi-Fi to create an access point. Once set-up is complete, you can adjust settings, view alarms, troubleshoot, review maintenance schedules, and more on the connected mobile device. The 2150+ Preventative Maintenance (PM) scheduler allows the user to set various maintenance reminders by months or number of cycles. An alarm will appear on the HMI when the maintenance is due.

Precision Spray Control (PSC)

The 2150+ supports PSC when used with electrically-actuated PulsaJet® spray nozzles. With PSC, the nozzles are turned on and off very quickly to control the flow rate. This improves spray efficiency and reduces overall liquid consumption, which can lead to reduced operating costs.

- Flow rate changes are nearly instantaneous and have no impact on spray performance.
- Flow rate changes can be made based on line speed.
- Allows for more operating versatility and reduces overspray.

2150+ Versions

- Single Channel, 48V nozzle driver (Standard); Single Channel, 24V nozzle driver (Optional)
- Dual Channel, 48V nozzle driver (Standard); Dual Channel, 24V nozzle driver (Optional)
- High-Capacity, 48V nozzle driver (Single-Ch Only); 24V nozzle driver (Single-Ch Only)

Plug and Spray Compatibility

The 2150+ can be mounted to the universal frame with mobile cart. Plug and Spray provides quick hook up for all nozzles, an Air Control Package (ACP), triggers, and any other compatible SCS Series accessories - including a level sensor, pressure sensor, flow meter, and line speed encoder. An Ethernet bulkhead is included in the Plug and Spray array.

Spray Control

- Nozzle compatibility: air- or electrically-actuated, hydraulic or air atomizing nozzles.
- Recipe based timing: Create and store up to 20 user programmed recipes. (Optional)
- Timing modes: Fixed or Variable spray time, and Fixed or Variable spray distance (Repeat function available for all four modes).
- Pressure and flow monitoring: Pressure sensor and flow meter accessories allow for real-time monitoring of current spray parameters.

External Zone Control Panel (Optional)

The 2150+ supports all SCS Series Zone Control Panels:

- Manual, Digital, and Digital with Timing Zone Control

Specifications

- Stainless steel enclosure, washdown with door closed & electrical bulkhead connectors fitted with proper caps
- Control panel weight: 37 lbs. (16.3 kg) approximate
- 7" HMI touch screen display
 - HMI window kit (Optional)
- Ideal line speed: 5-400 ft./min
- Power requirements: 110/230, 50/60 Hz, 1 Ph, 8.8A
- Max. no. of 10000AUH-03 PulsaJet Spray Nozzles: 16 per channel (High-Capacity: up to 32 nozzles - one channel)
- Max. no. of 10000AUH-10 PulsaJet Spray Nozzles: 5 per channel (High-Capacity: up to 10 nozzles - one channel)
- Max. no. of 10000AUH-0050 PulsaJet Mini Spray Nozzles: 8 per channel (48V driver version only)

DESCRIPTION:

Spray Control System (SCS) Series
2150+ Spray Control Panel



Spraying Systems Co.
Spray Nozzles and Accessories
P.O. Box 7900 - Wheaton, IL 60187-7901

REVISION NO.

1

Data Sheet No.

SCS Series-2150+

REFERENCE:

1

SHEET:

1 OF 1

DWG SIZE:

B