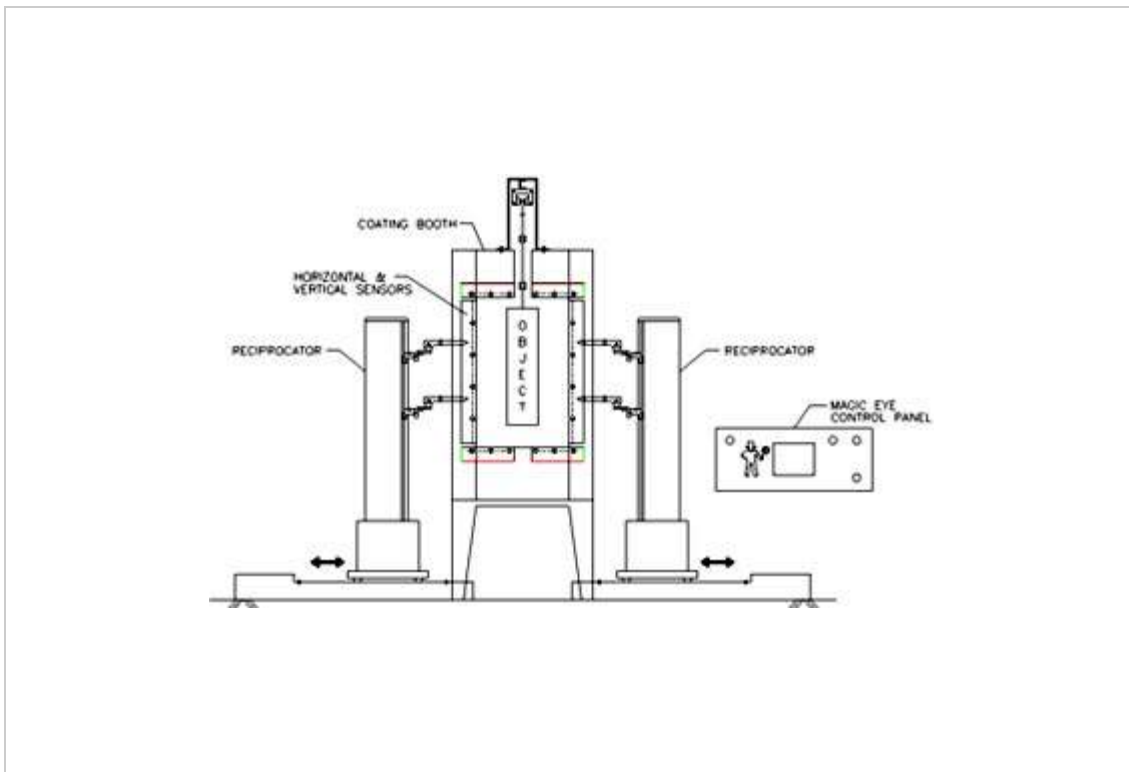


SPRAY POLICE PART SENSING SYSTEM – SCOPE OF SUPPLY

The *SPRAY POLICE* Part Sensing System consists of an advanced PLC controller along with a touch screen, Vertical zone sensors and horizontal zone sensors. These sensors are placed at the entrance of the booth just outside. They sense the changes in height of the part and trigger on the appropriate number of guns. Thus if the part entering the booth is of a small height, less number of guns shall be triggered on and if the length of the part is taller the PLC system shall trigger on more number of guns. These sensors also check for line gaps (i.e. missing parts on conveyor / empty jigs) and appropriately trigger on / off the respective number of guns.

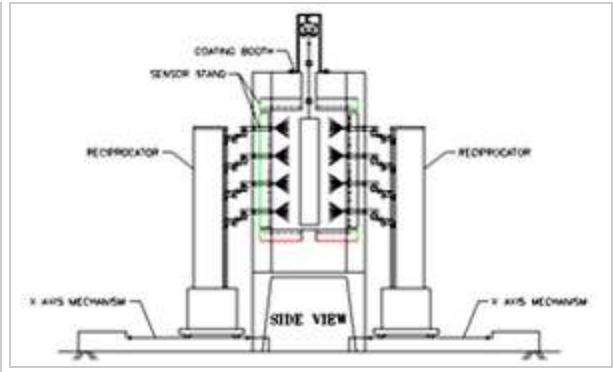
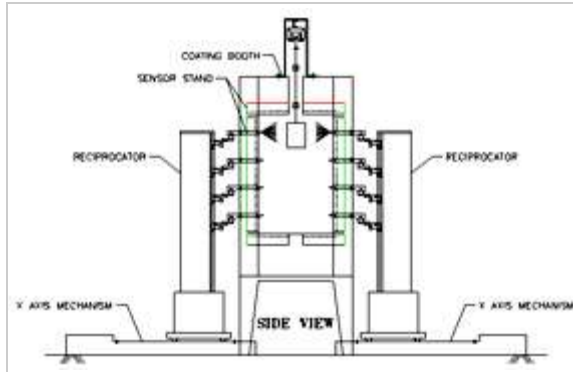
Reciprocators / Oscillators can be coupled to horizontal movement systems such that the *SPRAY POLICE* sensors can move them in / out horizontally while keeping track of the changing width of the part. This automatic intelligent gun triggering system shall result in better productivity, lesser overspray of powder, high quality finishes and is a great tool to save money on the floor shop.



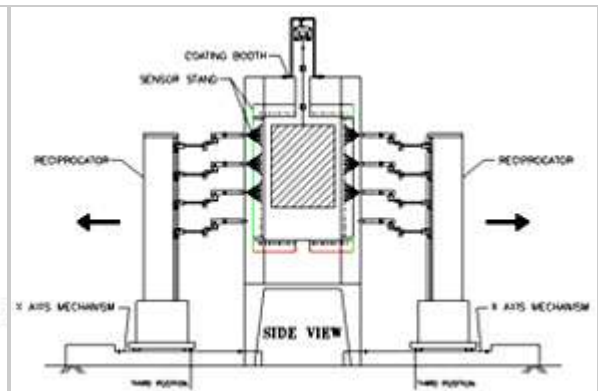
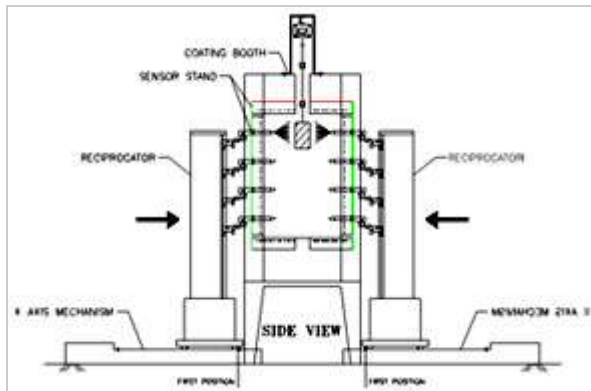
FEATURES

● **Big Advantages - automatic triggering guns on and off as needed**

- Less guns on for small parts
- More guns on for large parts
- No spray during line gaps



● **Optional in/out positioners independently move guns, to maintain correct horizontal gun to part distances for consistent overall finishes**



● **Highest Quality Finish Every Time**

Better film thickness accuracy. Less waste.

- meeting tighter tolerances and minimizing overspray and edge build-up.

● **Amazing Flexibility**

Adaptable to a wide variety of parameters.

- Optional in/out positioners independently move guns, to maintain correct horizontal gun distances for consistent overall finishes.

● **Simple Smart**

Less training. More productivity.

- One programmed user friendly, touch-screen operator interface panel allows for one-touch control access and at-a-glance monitoring of all operations.

● **Magic Money Saver**

Better powder usage. Less equipment wear.

- SPRAY POLICE absolutely minimizes overspray, reducing powder consumption per operation.
- Even very sophisticated production runs can be completed with fewer operators and less overall expense.

SPRAY POLICE PART SENSING SYSTEM
TO CONTROL GUN SPRAY ON – OFF
SCOPE OF SUPPLY

- | | |
|---|--------|
| a) Horizontal Zone through beam sensors – 3 Zone unit | 1 Set. |
| b) Vertical Zone through beam sensors - 6 Zone unit | 1 Set. |
| c) Stand for Horizontal & Vertical zone sensors | 1 Set. |
| d) Control panel with advanced PLC and operator friendly touch screen system for gun triggering | 1 No. |
| e) Complete set of Interlock Cables & Accessories for start up. | 1 Set. |
| f) Track system with motorized control to move reciprocator front & back | 1 Set. |

ELECTRICAL DATA

Single phase AC current, selectable voltages	220V or 230/110V
Frequency	50 / 60 Hz.
Connected loads	100VA
Safety class	IP 54 (P43)
Temperature Range	+2 °C to 50 °C
Control Voltage	24V DC
Contact Rating for Auto Interlock	Upto 230V AC – 1Amp Upto 30VDC – 1 Amp