

2 Station/Single Station ConveyORIZED ID Spray Machine

Current developments in different industrial sectors show an increasing demand for internal diameter (ID) coatings. The coating of rotationally symmetrical internal surfaces, e.g., the inside of a tube, can be realized with conventional spray guns up to a certain diameter and a certain depth of the part. This machine is designed to apply adhesive viz. Chemlok on metal components before molding.



➤ Features:

- Job Inner Diameter 16 mm to 100mm can be sprayed.
- Spraying thickness accuracy within range of 6/7 micron will be achieved.

- 2 nos of pneumatically operated Spraying units (For Primer & Final coat each). Pneumatic cylinder will be used for gun movement. Gun movement shall be as follows: For job ID 16mm to 100mm, and for OD 10mm to 100 mm Effective Spraying Length - 140mm
- Each Spraying unit will have 1 number of Pressure feed gun and Diaphragm Pump of Iwata make
- Separately mounted PLC based control panel including an alarm and display of errors. Panel will be of protection-IP 42
- E Stop PB will be at 2 positions for entire length of machine. viz. at loading and unloading Station
- Alarm for Gun Blockage
- Alarm for Failure in Main motor.
- Alarm for Heater (for both stations) failure.
- Alarm for Main Pneumatic supply errors.

➤ **Product Parameters:**

Gun movement for ID	16mm to 100mm
Gun movement for OD	10mm to 100mm
Electrical Power Supply	415V AC, 50Hz, 22Kw
Pneumatic Air Supply	4-6 bar
RD gun	2
Electrical Heating Chambers	3kw
Effective Spraying Length	180mm
Conveyors	1
SS Chemlok containers	9 litres
Cubic Feet per Minute (CFM)	12