

OTS-3000

MANUAL
LIQUID ELECTROSTATIC SPRAY GUN



SOLVENT

WATERBORNE

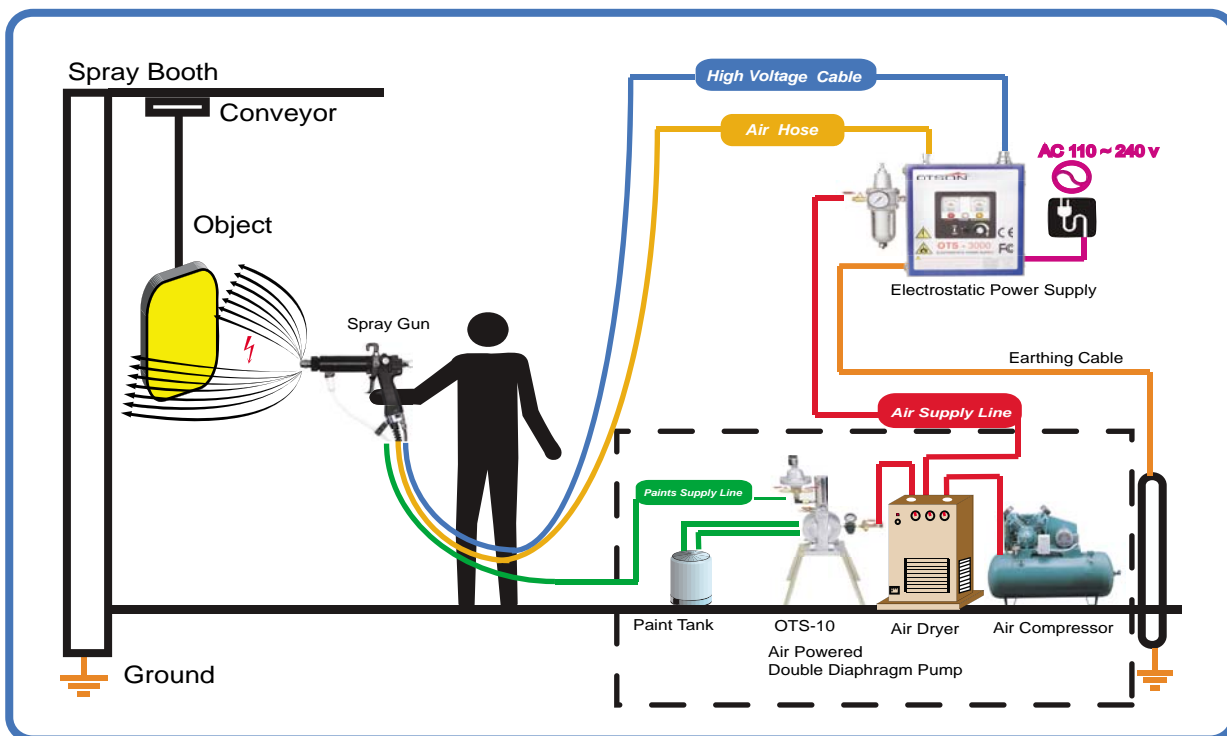
DUAL
COATING

H.E.T
HIGH EFFICIENCY TECHNOLOGY

Innovative Technology of
Liquid Electrostatic Coating Solutions

Overview

In using the liquid electrostatic spray gun. The high compress air tends to throw the paint away when the paint passes through the special nozzle, the paint is atomized, then negatively charged to the object, thus having a less negative charge than the paint. The charged objects are given their initial momentum from the paint pressure and air pressure. In this case, the expelling effect appears between the paint carrying electrostatic and the live particles as to cause further atomization of paint and thus form much finer thin fog. Due to the occlusion of electrostatic, the lost paints are sucked back to the workplace in generating a kind of surrounding electrostatic effect. In this way, the purpose of electrostatic coating is achieved which is able to offer transfer efficiency up to 95% and minimize the over spraying phenomenon obviously.



OTS-3000 Manual Liquid Electrostatic Spray System

OTS - 3000 Manual Liquid Electrostatic Spray Gun contains the required standard equipment such as an air regulating valve, electrostatic power supply, electrostatic spray gun and Round (TIN) nozzle, one set each (Round (FRP) and Flat (FRP) nozzle are available for the customer's option). The above-said electrostatic spray gun in conjunction with paint tank double diaphragm pump, paint filter, paint stabilizing valve, air dryer and air compressor forms one complete set of liquid electrostatic spraying equipment for the customer to carry out spray operation simply by pouring paint into the bucket.

Features

- Transfer Efficiency
- Extending the Life Expectancy
- Simplifying the Procedures of Maintenance
- Improving the Security
- Suitable For Long-Term Operation
- Enhancing the Productivity and The Quality

Application

- Hardware
- Metallic Protector
- Control Panel
- Woodworking Products
- Steel Furniture
- Auto Parts
- Electric Appliances
- OA Machinery
- Household Appliances
- Heavy Industry

Specification

Electrostatic Spray Gun

Input Voltage	0~70KV DC(-)
Gun Length	225 mm
Gun Weight *(no nozzle , hv cable ,spray tube and air tube)	470 g
Fluid and Air Pressure	0 ~ 7kg/cm ² (6.86 bar) (0~100) psi
Operatig Pressure	Air Supply
Coatings	Solvent-base & Waterborne Coatings



Electrostatic Power Supply

Out Voltage	0~70KV DC
Out Current	50 microamperes
Input Voltage	110 V~240 V AC (50/60 Hz)
Intercepting current	20~150 microamperes
Weight	12 kg
Dimensions	300(L)x120(W)x350(H) mm



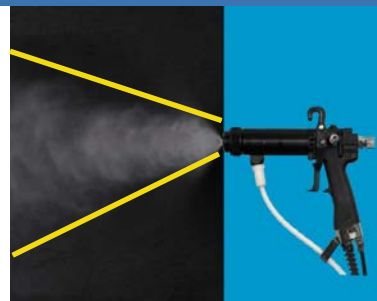
Round (TIN) Nozzle

Gauge :	22 mm
Atomization air pressure :	4 ~ 6 PSI
Flow Rate :	20 ~ 300 ml/min
Fan pattern width :	70 mm
Air :	180 NI / min



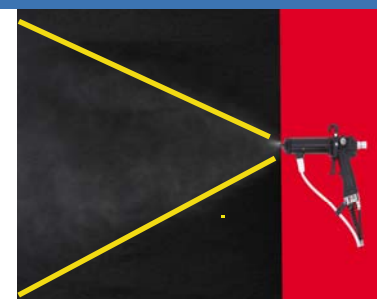
Round (FRP) Nozzle

Gauge :	12 mm
Atomization air pressure :	4 ~ 6 PSI
Flow Rate :	50 ~ 300 ml/min
Fan pattern width :	160 mm
Air :	100 NI / min



Flat (FRP) Nozzle

Gauge :	3 mm
Atomization air pressure :	4 ~ 6 PSI
Flow Rate :	100 ~ 400 ml/min
Fan pattern width :	300 mm
Air :	180 NI / min



Ordering Information

	Model	Manual Spray Gun	Electrostatic Power Supply	Round FRP Nozzle	Round TIN Nozzle	Flat FRP Nozzle	High Voltage Cable (5.0 m) Teflon Spraying Tube (6.0 m) PU Air Tube (5.0 m)	High Voltage Cable (6.5 m) Teflon Spraying Tube (7.5 m) PU Air Tube (6.5 m)	High Voltage Cable (10.0 m) Teflon Spraying Tube (11.0 m) PU Air Tube (10.0 m)	Tool BOX
Standard Package	OTS-3000-SF	⊙	⊙	⊙			⊙			⊙
	OTS-3000-SF-A	⊙	⊙	⊙				⊙		⊙
	OTS-3000-SF-B	⊙	⊙	⊙					⊙	⊙
	OTS-3000-ST	⊙	⊙		⊙		⊙			⊙
	OTS-3000-ST-A	⊙	⊙		⊙			⊙		⊙
	OTS-3000-ST-B	⊙	⊙		⊙				⊙	⊙
	OTS-3000-SL	⊙	⊙			⊙	⊙			⊙
	OTS-3000-SL-A	⊙	⊙			⊙		⊙		⊙
	OTS-3000-SL-B	⊙	⊙			⊙			⊙	⊙
Professional Package	OTS-3000-PTF	⊙	⊙	⊙	⊙		⊙			⊙
	OTS-3000-PTF-A	⊙	⊙	⊙	⊙			⊙		⊙
	OTS-3000-PTF-B	⊙	⊙	⊙	⊙				⊙	⊙
	OTS-3000-PTL	⊙	⊙		⊙	⊙	⊙			⊙
	OTS-3000-PTL-A	⊙	⊙		⊙	⊙		⊙		⊙
	OTS-3000-PTL-B	⊙	⊙		⊙	⊙			⊙	⊙
	OTS-3000-PFL	⊙	⊙	⊙		⊙	⊙			⊙
	OTS-3000-PFL-A	⊙	⊙	⊙		⊙		⊙		⊙
	OTS-3000-PFL-B	⊙	⊙	⊙		⊙			⊙	⊙
Golden Package	OTS-3000-GTFL	⊙	⊙	⊙	⊙	⊙	⊙			⊙
	OTS-3000-GTFL-A	⊙	⊙	⊙	⊙	⊙		⊙		⊙
	OTS-3000-GTFL-B	⊙	⊙	⊙	⊙	⊙			⊙	⊙

Options

HV Cable ,Teflon Spraying Tube and Air Tube Lengths : 15m, 20m, 25m, 30m, 35m and 40m



*The appearance of all products, detail, figure and specification are subject to change at any time without notice.

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