

OTS-7900

Electrostatic Spray Bell System-Robot Arm

MAX 60000RPM
(no loading spray Cup)

HYBRID

2K/3K WATERBASED

2K/3K SOLVENT



ABB

YASKAWA

KUKA

FANUC

Kawasaki

EPSON

STÄUBLI



Solvent

Waterborne

DUAL Coating

H.E.T
High Efficiency Technology



AUTOMATION



INTERNET OF THINGS



SMART PRODUCTION



GREEN ENERGY



SMART FACTORY



CYBER SECURITY



ARTIFICIAL INTELLIGENCE



MACHINE LEARNING

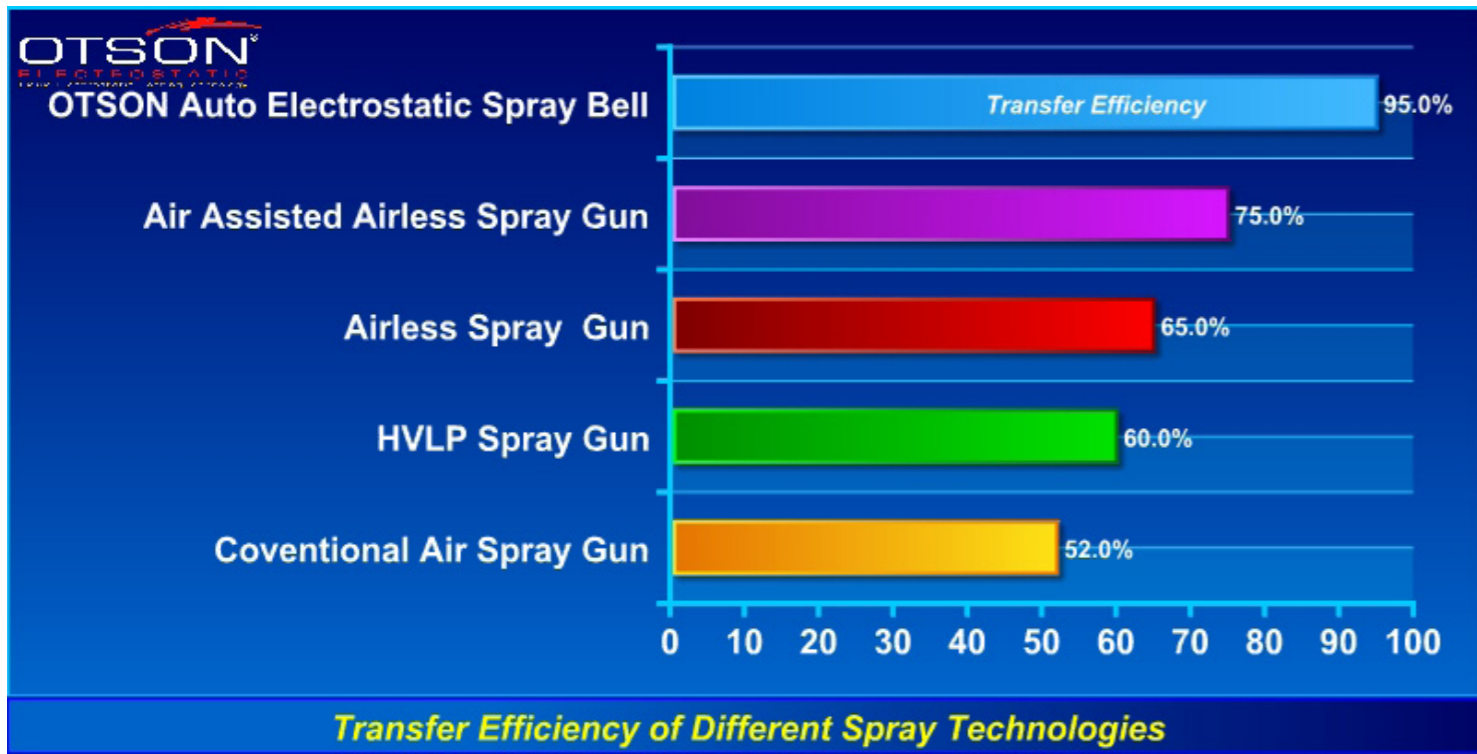
Overview

The Liquid Electrostatic Spray Bell - Robot Arm Kit, model number OTS-7900, is a state-of-the-art technology for electrostatic coating that achieves a transfer efficiency of up to 95%. Unlike traditional methods, this spray bell atomizes paint with low pressure using a special bell cup, minimizing the risk of paint being thrown away. The atomized paint is then charged with negative electrostatic energy and attracted to the object being sprayed, which significantly reduces overspray. The kit offers precision, flexibility, and superior transfer efficiency, making it ideal for various industries. The Liquid Electrostatic Spray Bell - Robot Arm Kit is an incredibly effective tool for achieving high-quality finishes with electrostatic coating technology, and it offers several advantages over traditional methods. Its precision and flexibility, coupled with its superior transfer efficiency, make it an ideal solution for a wide range of industries, including automotive, aerospace, and manufacturing. Say goodbye to messy and inefficient spraying and hello to consistent, high-quality results with the OTS-7900 model.



Additionally, the Liquid Electrostatic Spray Bell - Robot Arm Kit, model number OTS-7900 is designed to reduce CO2 emissions and overspray, which can help to save cost and be more environmentally friendly, ultimately leading to cost savings for your customers.

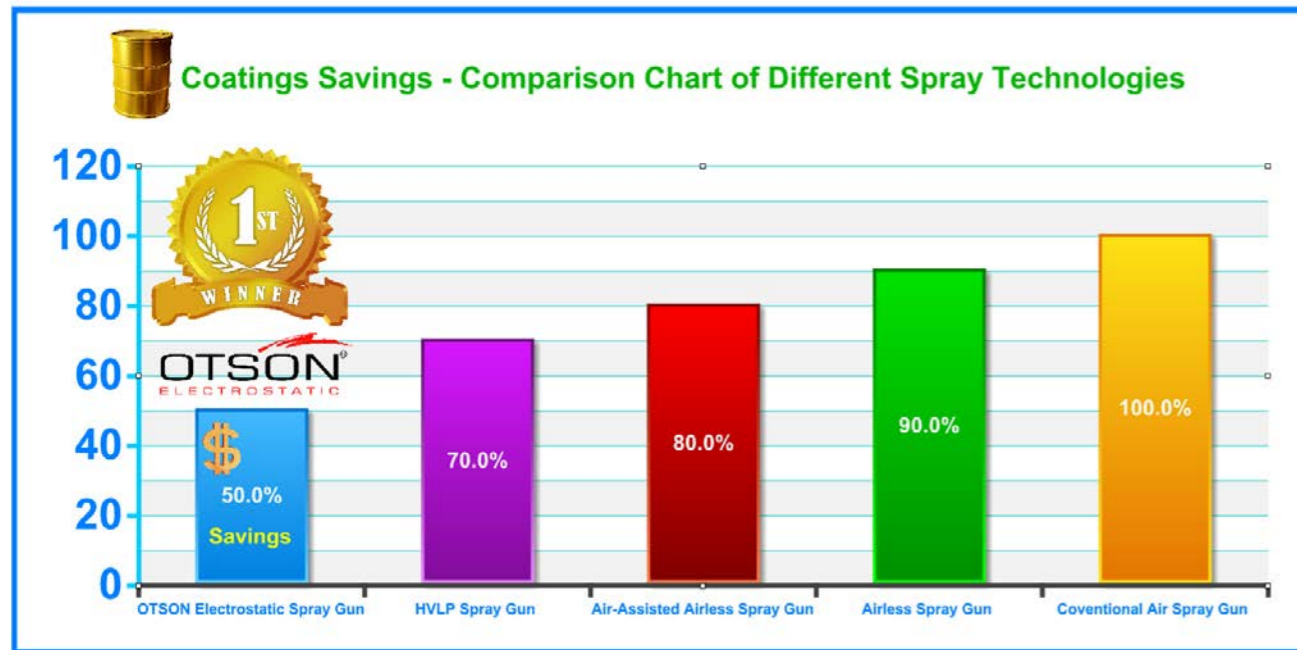
The system includes a fully automated control panel that provides high production rates and reduces labor cost. The control panel gives operators total control flexibility and allows the operator to change process parameters, not only between batches, but also within the same part. The simplified user interface control panel is capable of recording ten different coating parameters which is beneficial to apply in various objects easily and efficiently.



Dual Coating for Solvent and Waterborne Paint



The OTS-7900 Liquid Electrostatic Spray Bell - Robot Arm Kit is safe and compliant for use in various industrial settings, including potentially explosive atmospheres. It is certified by ATEX, the standard for equipment and protective systems in these environments. We provide customized solutions to meet our customers' needs, including integration of electrostatic high rotary atomizer technology and special nozzle structures for 2K and water-based paints. Our system increases production rates and cost savings for a high return on investment.



OTS-7900 Auto Liquid Electrostatic Spray System



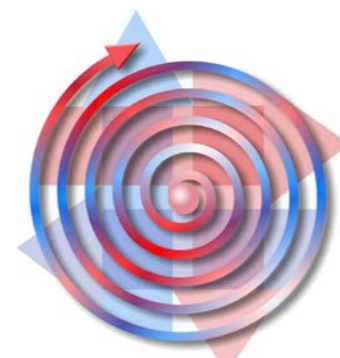
The Liquid Electrostatic Spray Bell - Robot Arm Kit, model number OTS-7900, is an advanced electrostatic coating technology tool that offers high-quality finishes with its automated control and flexibility. The kit includes a robot arm, electrostatic power supply, electrostatic spray unit, and different bell cups to suit various industries such as oil and gas, petrochemicals, pharmaceuticals, automotive, aerospace, and manufacturing.

With its fully automated control panel, the kit provides high production rates and reduces labor costs. The simplified user interface control panel can record ten different coating parameters, allowing operators to change process parameters not only between batches but also within the same part. The kit achieves a transfer efficiency of up to 95%, significantly reducing over-spraying and generating a surrounding electrostatic effect that draws lost paint back to the workplace.

The Liquid Electrostatic Spray Bell - Robot Arm Kit is environmentally friendly, with its ATEX certification and compliance with international safety standards. It is a highly effective tool for achieving high-quality finishes in various industries, providing cost savings for customers and reducing CO2 emissions.

Features

- Dual Coating- **Solvent and Waterborne Paint**
- Improve Coating Quality
- Reduce Air Pollutions
- Reduce Water Pollutions
- High Transfer Efficiency - **Spray Painting**
- High Atomized Bell Nozzle
- Easy Handle for Long Term Operation
- Long Life Operation
- Low VOC Emissions
- Low Failure Rate and Easy

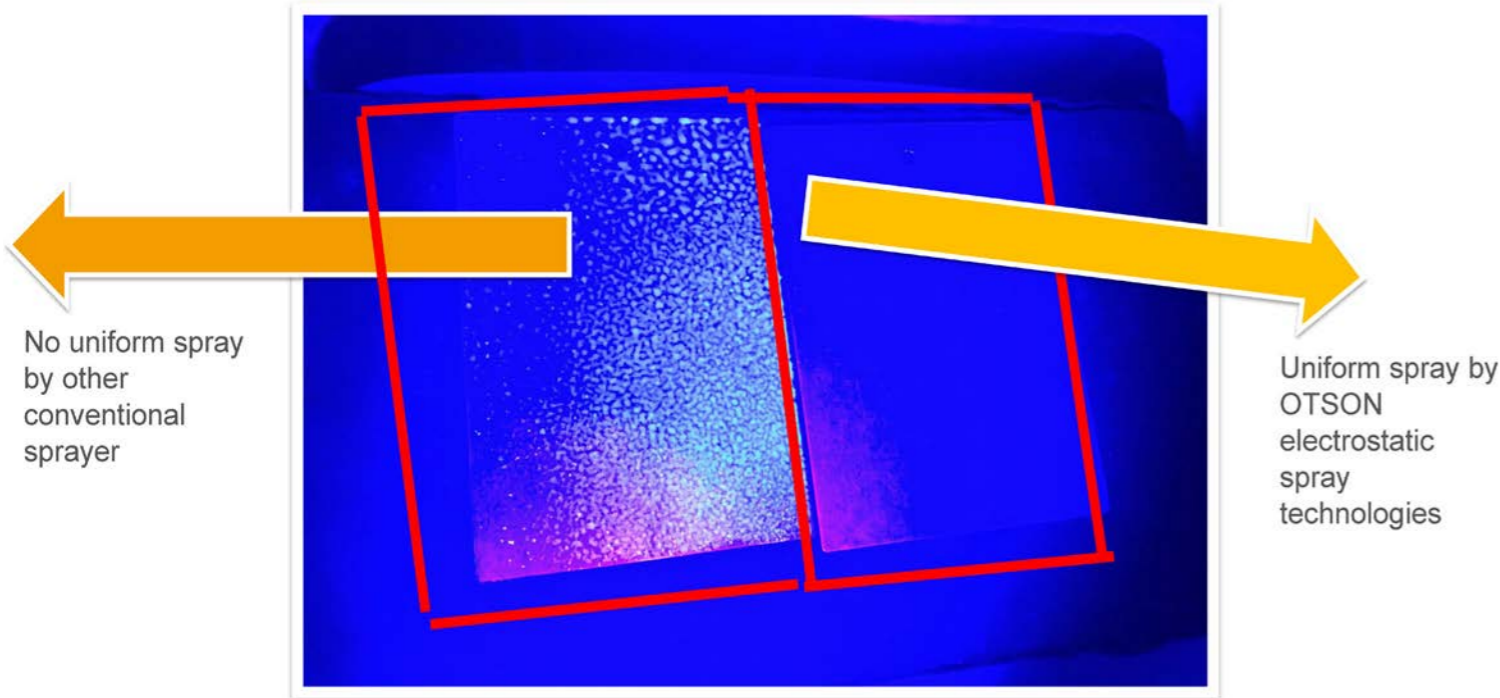


The Spray Direction of High Atomized Nozzle



Speical Design Bell Cup for all Spray Object



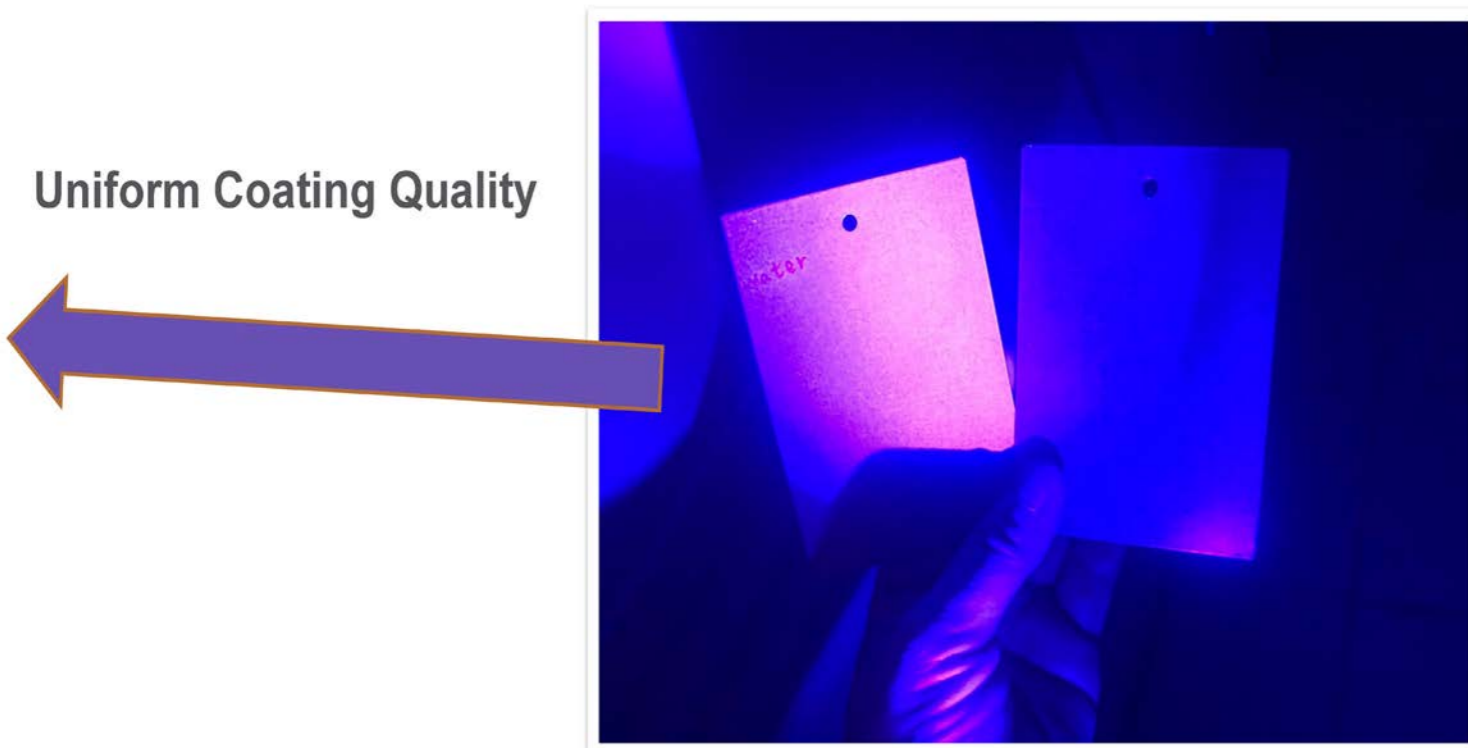


No uniform spray by other conventional sprayer

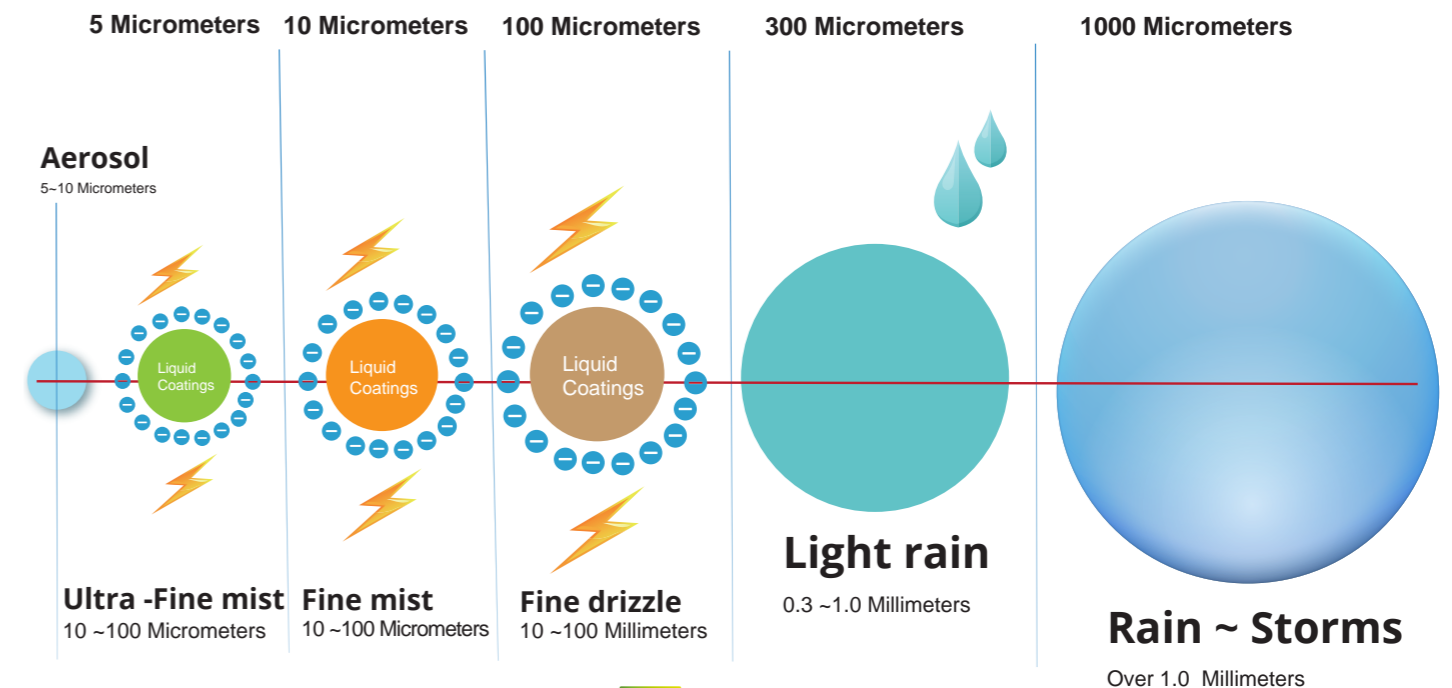
Uniform spray by OTSON electrostatic spray technologies



Different coatings thicknesses by OTSON Electrostatic Spray System



Uniform Coating Quality



5.0~ 300.0 Micrometers

HYBRID

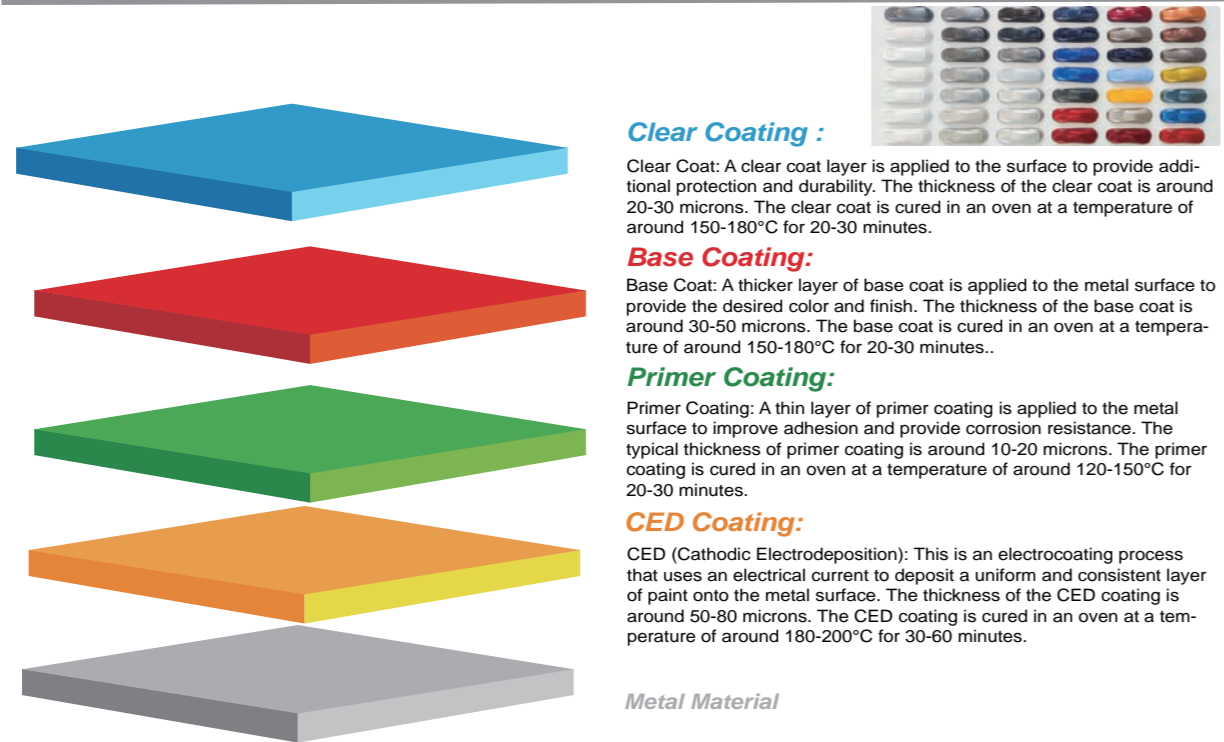
Waterbase Coatings

Solvent Coatings

OTS-7900
Auto Electrostatic Spray Bell

The metal industry typically requires a multi-layer liquid coating system to provide protection and enhance the appearance of metal surfaces. The thickness of each layer depends on the specific requirements of the metal surface, but a typical sequence of layers for metal industry would include the following:

OTSON ELECTROSTATIC Pretreatment and coating process of metal parts in the metal industry



- **Surface Preparation:** The metal surface is cleaned and treated to remove any dirt, oil, or other contaminants that may affect the adhesion of the coating. The surface may be sandblasted, degreased, or chemically cleaned
- **CED (Cathodic Electrodeposition):** This is an electrocoating process that uses an electrical current to deposit a uniform and consistent layer of paint onto the metal surface. The thickness of the CED coating is around 50-80 microns. Curing time and temperature: The CED coating is typically cured in an oven at a temperature of around 80-120°C for 15-30 minutes.
- **Primer Coating:** A thin layer of primer coating is applied to the metal surface to improve adhesion and provide corrosion resistance. The typical thickness of primer coating is around 10-20 microns. Curing time and temperature: The primer coating is typically cured in an oven at a temperature of around 80-120°C for 15-30 minutes.
- **Base Coat:** A thicker layer of base coat is applied to the metal surface to provide the desired color and finish. The thickness of the base coat is around 30-50 microns. Curing time and temperature: The base coat is typically cured in an oven at a temperature of around 80-120°C for 15-30 minutes.
- **Clear Coat:** A clear coat layer is applied to the surface to provide additional protection and durability. The thickness of the clear coat is around 20-30 microns. Curing time and temperature: The clear coat is typically cured in an oven at a temperature of around 80-120°C for 15-30 minutes.
- **Final Inspection:** The coated metal parts are inspected to ensure they meet quality standards and customer specifications.

These layers are applied using liquid electrostatic spray equipment, which is capable of atomizing the coating materials into fine particles for precise and efficient application. The thickness of each layer can be adjusted based on the specific requirements of the metal surface and the desired end result.

2K/3K Mixer and Color Change System- Disk Electrostatic Spray

Color change valves, also known as paint dispensers, are a valuable investment for any business in the painting industry. These devices are used in paint shops to mix and dispense paint quickly and accurately, reducing waste and cleanup time.

One of the key benefits of a color change valve is its ability to automatically switch between different paint colors, which can save time and increase efficiency. This feature is especially useful for businesses that work on multiple projects and need to switch between colors frequently.

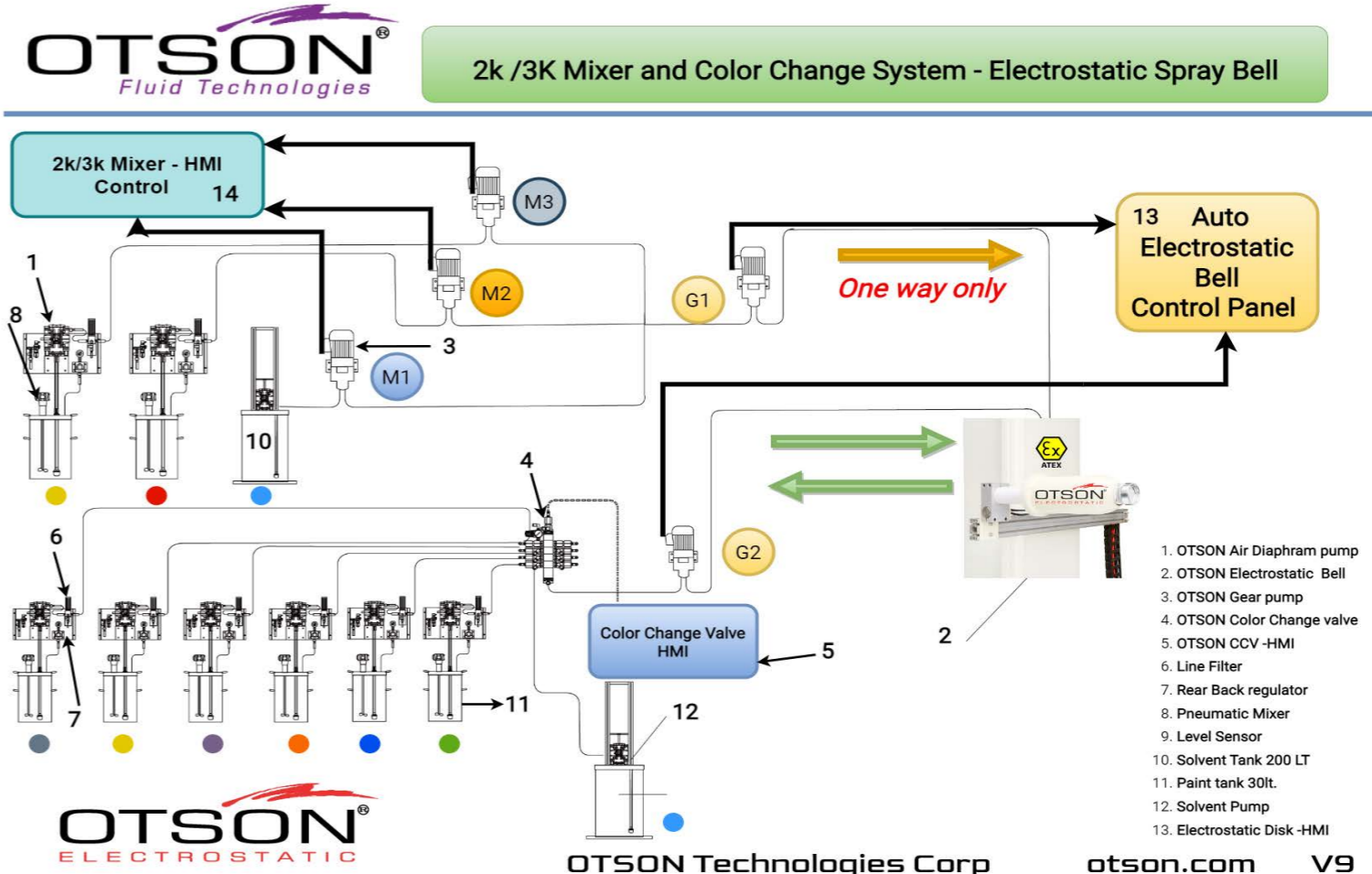
Another advantage of color change valves is their mixing capabilities. These devices can mix the paint with hardeners, reducers, or other additives as it is dispensed, ensuring that the paint is properly mixed and ready to use, which can help improve the quality of the paint job.

In terms of market view, the use of color change valves is prevalent in industrial paint application such as automotive, aerospace, and wood finishing industries. Many companies are investing in color change valves to improve their production efficiency and reduce cost.

Overall, color change valves are an essential component of any paint shop, providing accurate and efficient paint dispensing and color change capabilities. Investing in a high-quality color change valve can help businesses in the painting industry to increase productivity, improve the quality of their paint jobs and save money in the long run.

2K/3K WATERBASED

2K/3K SOLVENT



The 2K-3K Electronic Mixing & Dosing System is an advanced system designed for use in a liquid electrostatic spray system. It is used to control the mixing and dosing of two or three liquid components in a precise and accurate manner. The system uses electronic sensors and controls to measure and adjust the flow rate of each component, ensuring that the correct proportion of liquids are mixed and sprayed. The end result is a more uniform and efficient application of the sprayed liquid, resulting in improved product quality and increased

OTSON Innovative Liquid Electrostatic spray Paint Shop Solutions- industry 5.0



OTSON Technologies Corp otson.com

The 2K-3K Electronic Mixing & Dosing System typically comprises of the following components:

- **Metering Pumps:** These pumps are used to accurately control the flow rate of each component, ensuring that the correct proportion is mixed and sprayed.
- **Mixing Chamber:** The mixing chamber is where the two or three liquid components are combined and mixed together.
- **Control Unit:** The control unit is the heart of the system and is responsible for monitoring and adjusting the flow rate of each component. It may use electronic sensors, computer control and software to manage the mixing and dosing process.
- **Display Unit:** A display unit is used to show the operator the current status of the system, including the flow rate of each component, total amount of liquid mixed and any alarms or faults that may arise.

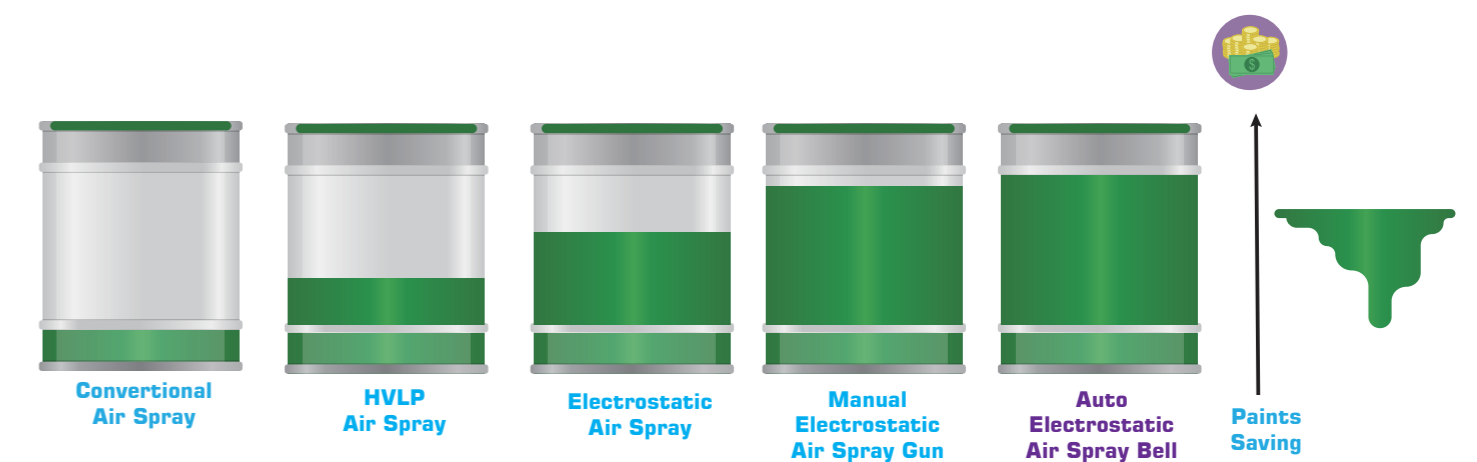
The system may also be equipped with additional features such as automatic cleaning, continuous monitoring, and alarms for low level and low pressure, to ensure the reliable and consistent operation of the mixing and dosing process.

Overall, the 2K-3K Electronic Mixing & Dosing System provides precise control over the mixing and dosing of two or three liquid components, which results in a more efficient, consistent and uniform application of the sprayed liquid.

Benefits of Electrostatic Spray Technology

- *Improve Finishing Quality*
- *Reduce Refinishing Work*
- *Time Savings*
- *Reduce Paint Wastage*
- *Material Savings*

Reduce Paints Costs



Return-on-Investment (ROI)

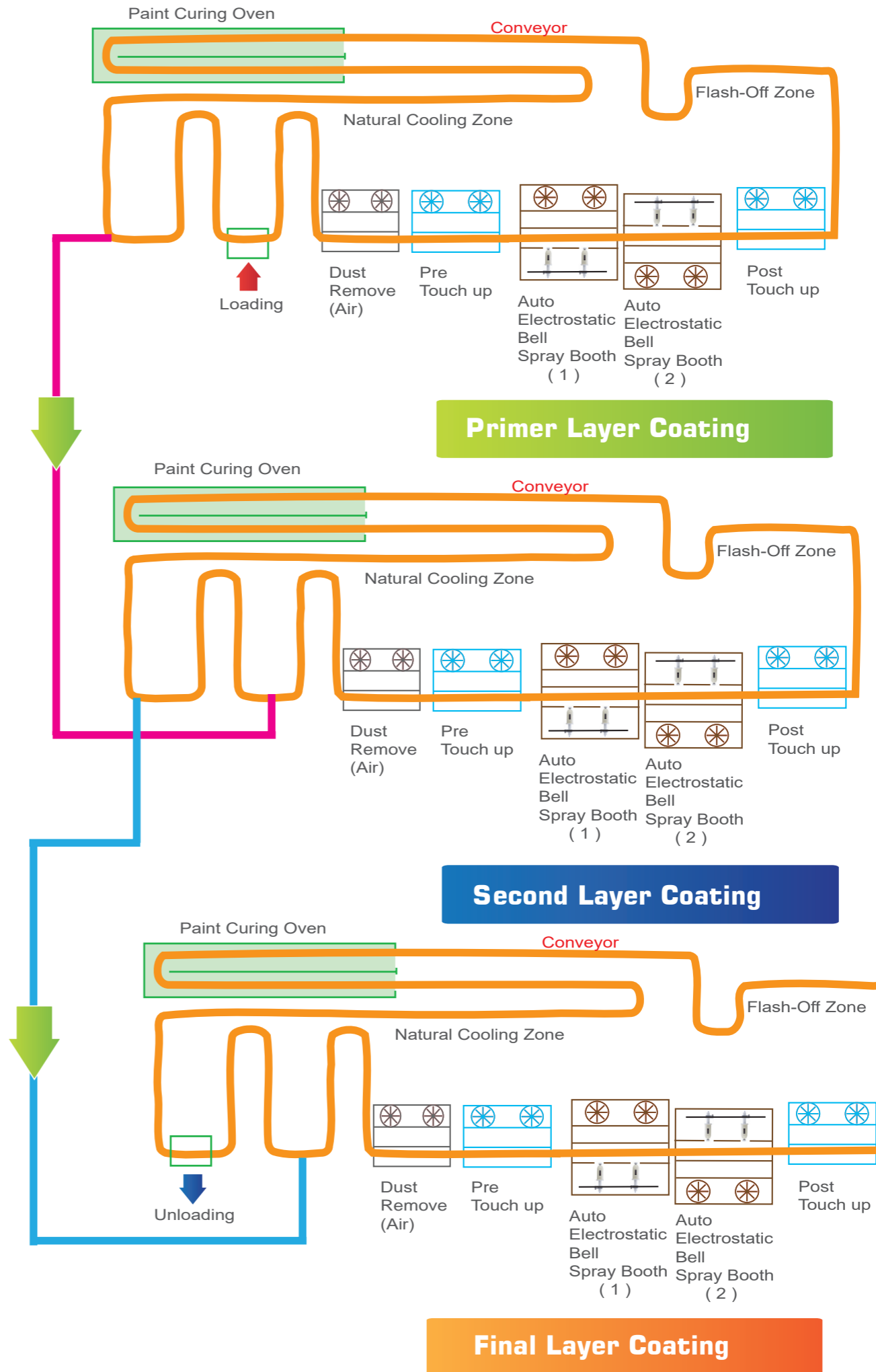
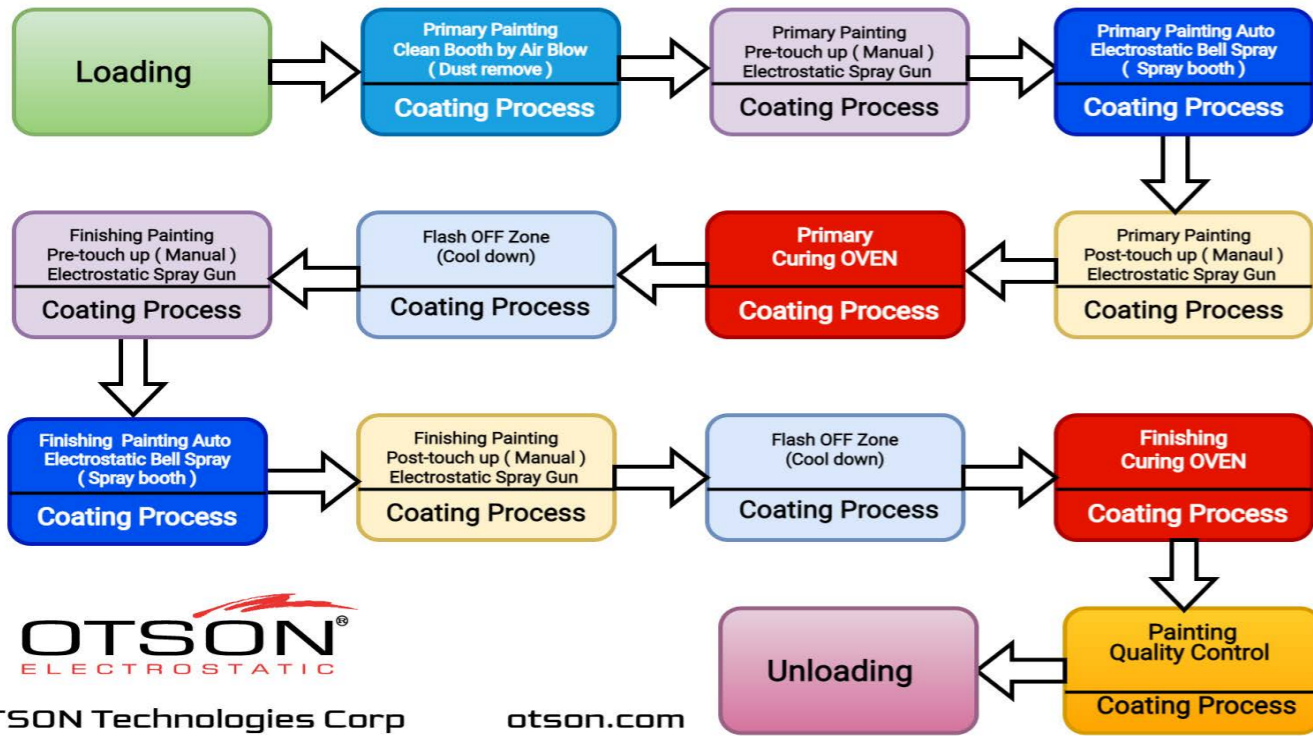
By replacing Conventional Air Spray gun with Auto Electrostatic Spray Bell System

	Typical	Calculate Your Own Application
Paint price per litre	USD 10	
	X	X
Litre Used per Day	100 litres	
	X	X
Business Days per Year	220 days	
Electrostatic Transfer Efficiency	95%	
Annual Savings	USD 209,000.00	

The Process Steps of Auto Electrostatic Spray Bell Coating System



The Process Step of Bell Electrostatic Automatic Coating System



Innovative Liquid Electrostatic spray Paint Shop Solutions- industry 5.0

OTSON **OTS-7900**
Rotary Speed Control (Atomization)

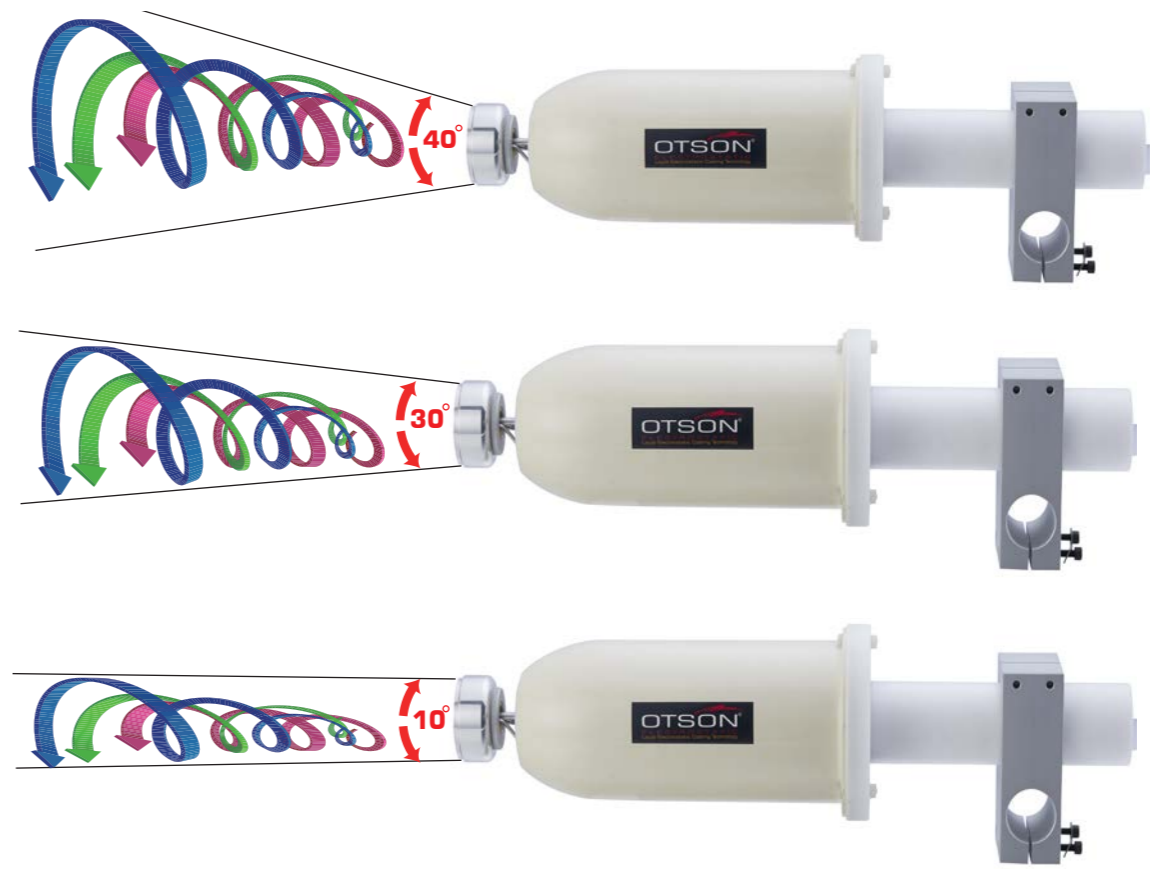
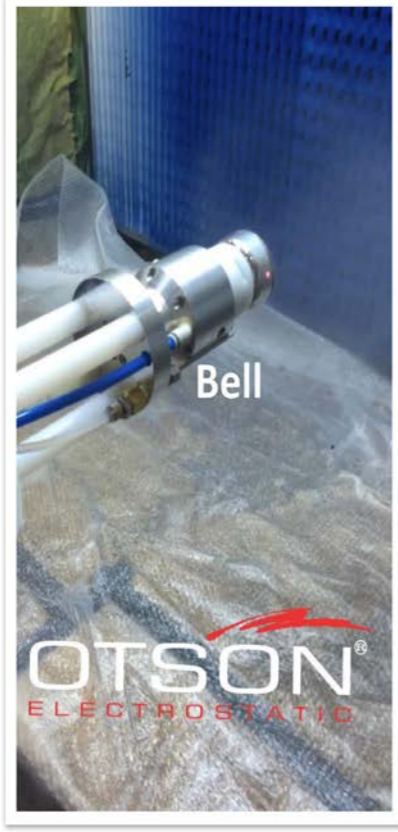


■ Air Flow Pattern Control
■ Paint Flow

OTSON
Liquid Electrostatic

OTS-9000 Auto Electrostatic Spray Bell

OTSON ELECTROSTATIC Innovative Liquid Electrostatic spray Paint Shop Solutions- industry 5.0

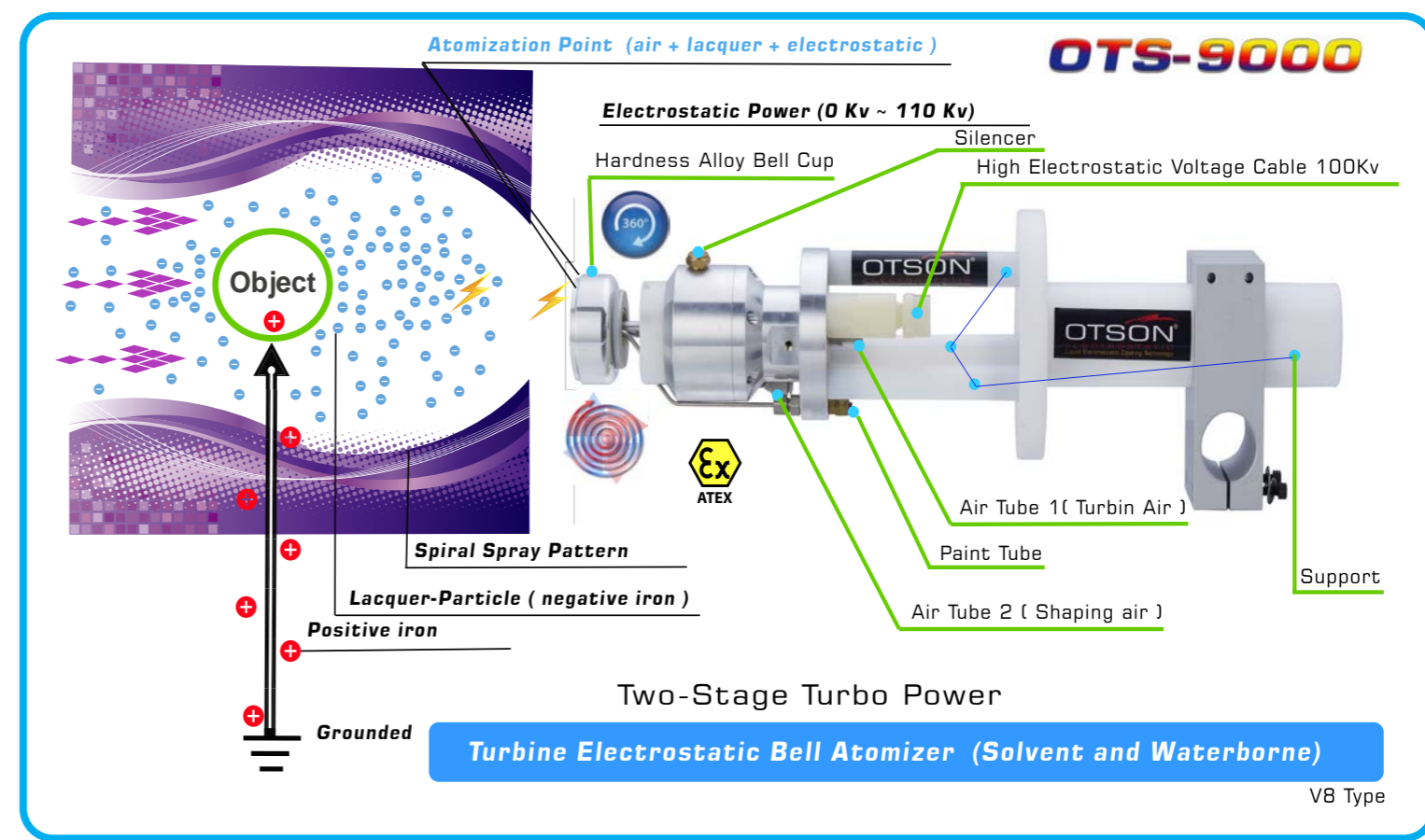


Bell Spray Angles

OTSON ELECTROSTATIC Innovative Liquid Electrostatic spray Paint Shop Solutions- industry 5.0

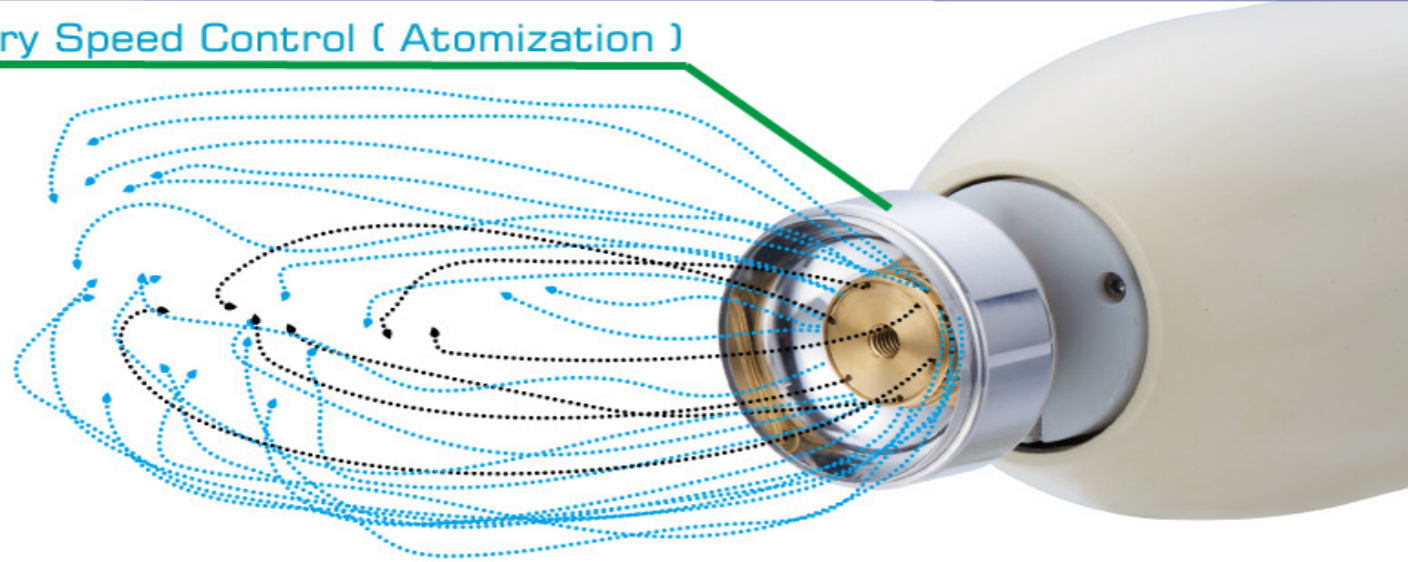


2K Solvent
2K Water Based



OTS-7900

Rotary Speed Control (Atomization)



■ Paint Flow

■ Air Flow Pattern Control

OTS-9000 Auto Electrostatic Spray Bell



Specification

Liquid Electrostatic Spray Bell

Input Voltage	0~110KV DC(-)
Bell Length	250 mm
Bell Weight *(no nozzle , hv cable ,spraying tube and air tube)	900 g
Fluid and Air Pressure	0 ~ 7 kg/cm ² (6.86 bar) (0~100) psi
Operating Pressure	Air Supply
Coatings	Solvent-base & Waterborne Coatings



Electrostatic Power Supply

Out Voltage	0~110KV 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



Specification

Model Number	9000A
Spare atomizer, without cable or hose	4 kg
Material of Turbine Atomizer and Bell Cup	Alloy (no magnetic)
Life cycles (valves/bell /bearings/couplings) depend on air quality and Maintenance	1~5 years

Pneumatic supply

Nano-valve drive air pressure	8 bar mini (120psi) - 10 bar max. (150psi)
Magnetic turbine bearing air pressure	5 mini (75psi) - 7 bar max. (105psi) from 130 to 180 L/min
Shaping air pressure	6 bar (90psi) recommended on manifold
Micro air pressure	0.5 mini (7,5psi) at 1 bar maxi. (15psi) from 20 L/min to 40 L/min
Drive air consumption	10 NI/min.
Magnetic turbine bearing air consumption	125 NI/min.
Shaping air consumption (with respect to air shroud and bell being used)	From 100 to 600 NI/min.
Turbine rotation air consumption	From 100 to 700 NI/min. ⁽¹⁾
Safeguard air quantity	25 litres at 6 bar (90 psi)

(1): with respect to sprayed flow and rotation speed

Product supply

Standard product supply pressure	6 (90psi) to 8 bar (120psi)
Maximum product pressure	10 bar (150psi)
Paint flow (depending on paint type)	30 to 3000 cc/min. ⁽²⁾ maxi.
Viscosity scale (for minimum results)	8 to 30 seconds FORD #4 Cup

(2): with a product density < 1.1 gr/cm³ and/or of the combination bell and air shroud being used

Performances

Rotation speed	15 to 60,000 (6.0 bar) 90 psi (upon diameter of bell cup used)
Application speed	up to 900 mm/sec
Transfer Efficiency	85% ~98%

Color change

Paint consumption	25 cm ³ (paint circuit) & 25 cm ³ (pump circuit)
Paint feeding	OTSON GEAR PUMP (2 color change)
Rinsing product consumption	300 cm ³ (not included rinsing box)
Standard process time	10 sec (with REVERSE FLUSH)
Optimized process time	5 sec (with REVERSE FLUSH on circuit 1 & 2)

Same Color (head rinsing + bell cup)

Time	6 sec.
Rinsing product consumption	50 cm ³

High Electrostatic Voltage

Voltage maxi.	110 kV
Current maxi.	50 μA
Bell Cup safety Distance from substrate	30cm

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

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Specification

OTS-7973 /7933 Microcomputer Control Panel (10" Man-Machine Interface)

- **Input Voltage:** AC 200V ~ 415V 50hz / 60hz (3 phase) ± 5%
 - **Power Consumption :** 2.5 KVA
 - **Dimension :** 420 (L) x 730 (w) x 1710 (H) mm
 - **Weight :** 110 kg
 - **Servo Motor Controlled Reciprocator.**
 - **Touch Panel Interface by using 10" Color Screen.**
 - **Memory Capacity up to 200 sets of Operation.**
 - **Color Change Control (2 colors) Interlocking**
 - **Door-in-Door Design to Achieve Efficient Anti-Dust Effect.**
- Coatings: Solvent-base & Waterborne Coatings



OTS-7953 / 7913 Microcomputer Control Panel (10" Man-Machine Interface)

- **Input Voltage:** AC 200V ~ 415V 50hz / 60hz (3 phase) ± 5%
 - **Power Consumption :** 2.5 KVA
 - **Dimension :** 420 (L) x 730 (w) x 1710 (H) mm
 - **Weight :** 110 kg
 - **Servo Motor controlled reciprocator.**
 - **Touch Panel interface by using 10" colour screen.**
 - **Memory capacity up to 200 sets of operation.**
 - **Door-in-Door design to achieve efficient anti-dust effect.**
- Coatings: Solvent-base Coatings



6 Axis Robot Arm - for painting

Maximum Load of Robot: 20 kg

Number of axis: 6
 Maximum horizontal reach: 2,779 mm
 Maximum vertical reach: 4,582 mm
 Repeatability: ±0.5 mm
 Controller: NX100
 Motion range (°)

Maximum speed (°/s) :2.0 m/s

Robot applications: Coating and paintings



Specification

OTS-7913 & OTS-7933 Liquid Electrostatic Power Supply

Out Voltage	0~70 KV DC(-) -OTS-7800 0~100 KV DC(-)-OTS-8100
Out Current	50 microamperes
Intercepting Current	20~150 microamperes
Input Voltage	220V AC (50Hz)
Weight	12 kg
Dimensions	300(L)x120(W)x350(H) mm
Coatings	Solvent-base Coatings



OTS-7973 ,OTS-7953 Liquid Electrostatic Power Supply

Out Voltage	0~110 KV DC(-)
Out Current	50 microamperes
Intercepting Current	20~150 microamperes
Input Voltage	220V AC (50Hz)
Weight	12 kg
Dimensions	300(L)x120(W)x350(H) mm
Coatings	Solvent-base & Waterborne Coatings



Gear Pump

Input Voltage	: AC 220 V ~ 380 V ±10% 3 Phase
Horsepower	: 1/4 HP
Dimension	: 130 (L) x 600 (w) x 30 (H) mm
Weight	: 13 kg
Output	: 3cc or 6cc / rev 200 cc ~ 3000 cc / min (digital control)
Spray Hose	: Double-layer Teflon paint hose
Pump Material	: Hardened Steel CMoWCrVCo HRC = over 63)
	Titanium plated for durable use and wearing resistance.



Air Heater

Dimension	: 410 (L) x 170 (w) x 150 (H) mm
Weight	: 5 kg
Input Voltage	: AC220V , 500W
Temperature	: 0 degree C ~ 120 degree C



Water Filter & Oil Filter

Dimension	: 170 (L) x 340 (w) x 90 (H) mm
Weight	: 3 kg
Water Filter	: 3650 l/s
Oil Filter	: 1900 l/s
MAX Operation Pressure	: 150psi



Specification

IOT (Internet of Things) Sensor System

- Air Flow
- Paint flow
- Paint Pressure
- Air Pressure
- Environment VOC Detect Sensor
- Monitor motor
- Smoke Sensor
- Air Temperature and humidity
- AI Dashboard System
- Power Consumption Monitor



Remote Digital Video Monitor System

- **Video Input:** 8 channels
- **Video Output:** HDMI, VGA
- **Compression Format:** H.265/H.264
- **Recording Resolution:** up to 8MP (4K)
- **Playback Resolution:** up to 8MP (4K)
- **Hard Drive Capacity:** up to 6TB (depending on the model)
- **Network Interface:** RJ45, 10M/100M/1000M Ethernet with PoE support
- **Remote Access:** Yes, via PC, smartphone or tablet
- **Audio Input/Output:** 1 channel input, 1 channel output
- **USB:** 2 USB ports (1 USB 2.0, 1 USB 3.0)
- **PoE Ports:** 8 ports with PoE support
- **Power Supply:** DC 48V/1.25A



Specification

Safety Light Curtains

- Safety light curtain Type 4.
- Suitable for detection of operators.
- Consists of an emitter and receiver.
- In combination with a safety guard monitor for protection up to safety level PLe per EN ISO 13849-1 or up to SIL 3 per EN 62061.
- 14mm resolution for finger detection.
- Available in various protective field heights: 200, 400, 600, 800, 1000 and 1200mm.
- Detection range 0.5m to 6m.
- Can be connected to GLM1 safety controller.
- Gesealed tot IP65.
- Fitted with quick disconnecter.
- Supplied with mounting brackets as standard



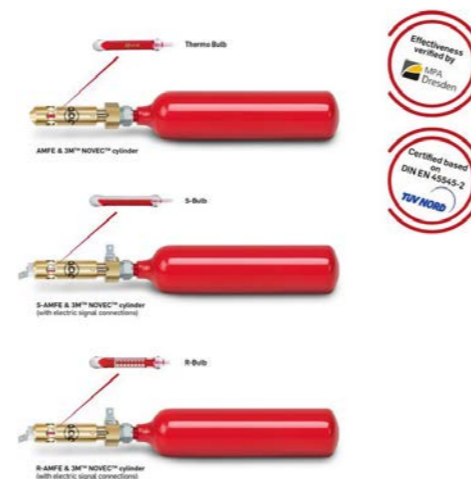
Application - Industries



- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Small parts • Bicycle • Application • Small parts • Bicycle • Computer Housing • Stationery • Wooden Furniture • Hardware • Lockers • Freezers • Iron Railing • Display Cases | <ul style="list-style-type: none"> • Office Partitions • Medical Equipment • Rest room Partitions • Roller Bars • Metal Doors • Decorative Lamps • Electrical Home Appliances • Car Accessories, Teflon Pot • Sports Equipment • Handcraft • Files • Desks | <ul style="list-style-type: none"> • Sports Equipment • Handcraft Computer • Housing • Stationery • Wooden Furniture • Hardware • Lockers • Freezers • Iron Railing • Display Cases • Refrigerators • Heavy Machinery • Office Equipment |
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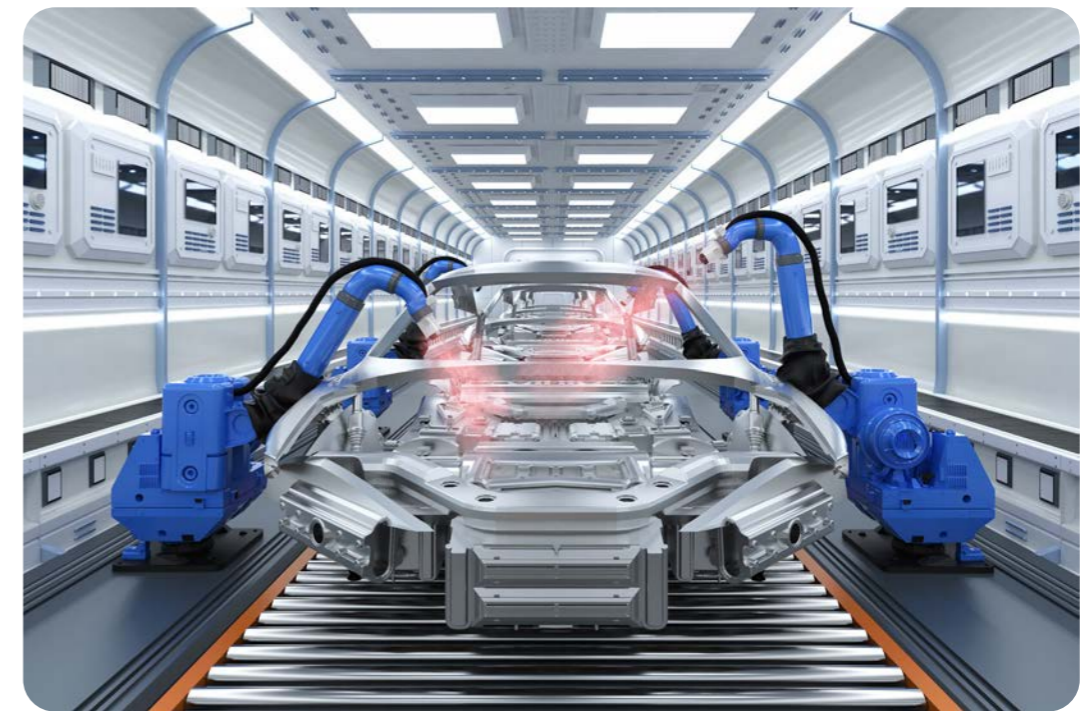
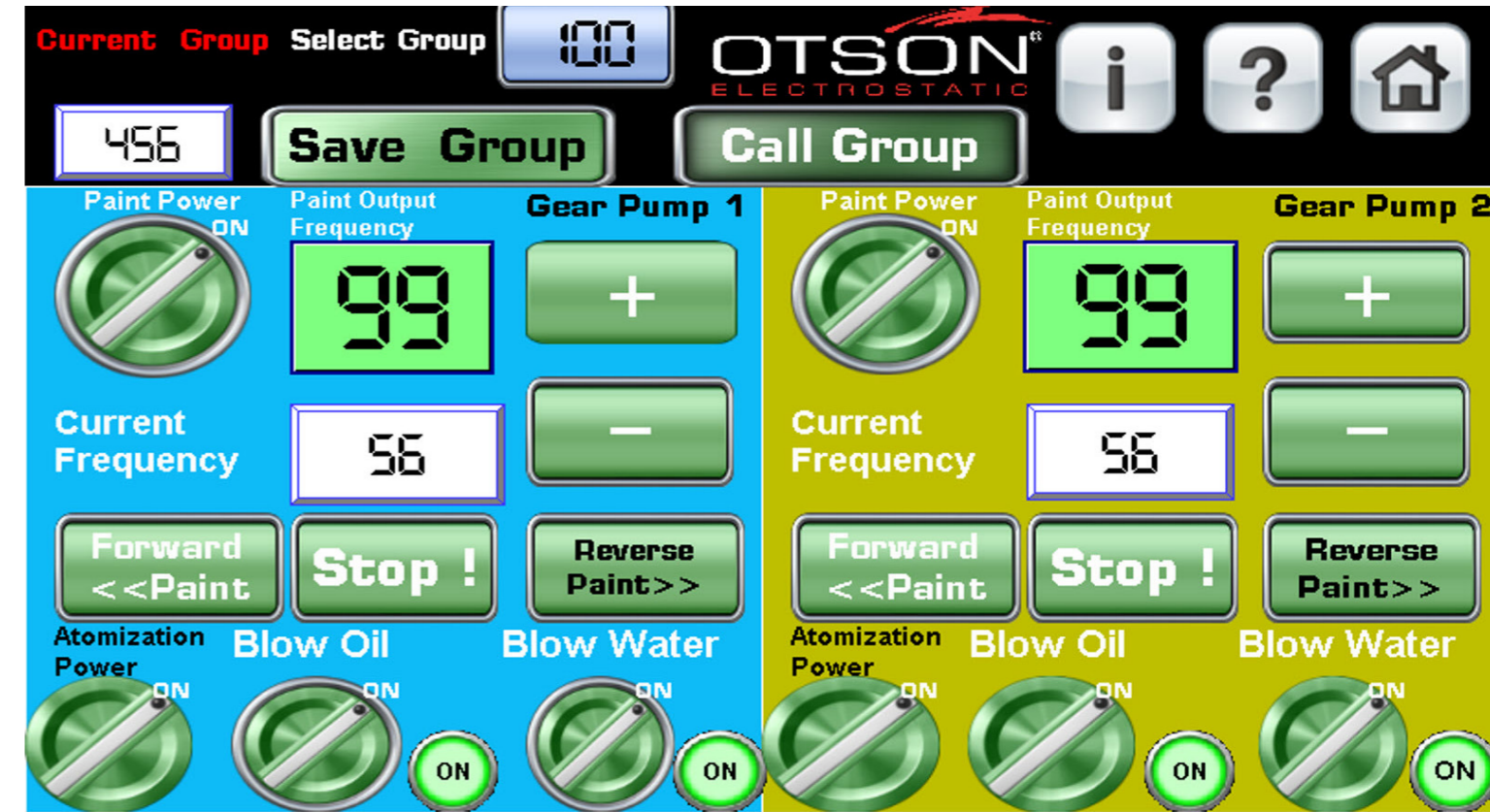
Automatic Miniature Fire Extinguisher

- Dimensions (without cylinder):
ø 16 mm x 64 mm/0,63" x 2,52"
- Minimum installation depth: 20 mm/0,79" (w/o cylinders)
- Activation temperature: 57°C – 260°C/134,6° F - 500° F
- Extinguishing agents: 3MTM NOVECTM, CO2,
- Lifetime: 9 years + (for the cylinders)
- Maintenance free
- Lifetime: for release mechanism (see manual for details)



Application - Industries

10" Touch Panel Industrial (HMI)



Electrostatic Current UMA

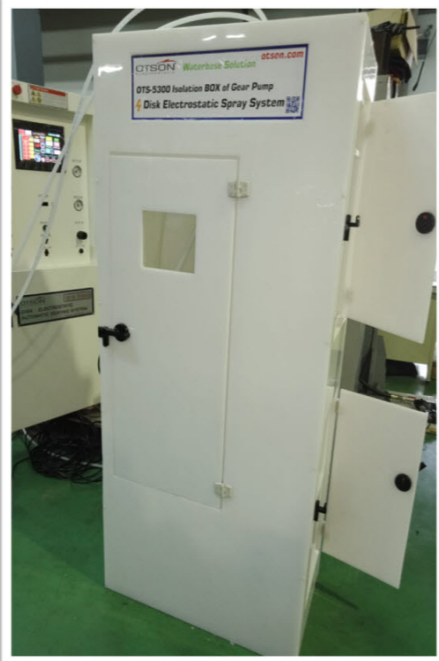
Electrostatic Voltage KV



Model /Function	OTS-7973+G2	OTS-7953+G2	OTS-7933+G2	OTS-7913+G2	OTS-7903+G2
a. Microcomputer Control Subsystem					
Microcomputer Control Panel (HMI) x 1 set	10"	10"	10"	10"	
Memory Capacity for Storage Coating Parameters	199 sets	199 sets	199 sets	199 sets	
Air Flow Control x 1 set	Manual	Manual	Manual	Manual	Manual
Paints Flow Control (A) x 1 set	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual	Manual
Paint Flow Control (B) x 1 set	Auto / Manual	Auto / Manual	Auto / Manual	Auto / Manual	Manual
Color Change Control (2 colors) x 1 set	Manual	Manual	Manual	Manual	Manual
Atomizer Control x 1 set	Manual	Manual	Manual	Manual	Manual
Electrostatic Power Supply Control x 1 set	0~110KV	0~110KV	0~110KV	0~110KV	0~70KV
Electrostatic Power Display x 1 set	LED	LED	LED	LED	LED
Electrostatic Current Display x 1 set	LED	LED	LED	LED	LED
Electrostatic Spark Protection System x 1 set	YES	YES	YES	YES	YES
Paints,Coatings	Solvent-base & Waterborne	Solvent-base	Solvent-base & Waterborne	Solvent-base	Solvent-base
b.Spray Subsystem					
High KV Electrostatic Spray Bell x 2 sets	Yes	Yes	Yes	Yes	Yes
High Atomization Spray Bell Cup x 2 sets	Yes	Yes	Yes	Yes	Yes
H.V Cable x 2 sets	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m
Teflon Spraying Tube x 2 sets	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m
PU Air Tube x 4 sets	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m	11m ~ 40m
c.High Voltage Electrostatic Power Subsystem					
Electrostatic Power Supply x 1 set	Max 110KV	Max 110KV	Max 100KV	Max 100KV	Max 70KV
d. 6 Axis Robot Arm					
6 Axis Robot Arm x 3 sets	Yes	Yes	Yes	Yes	Yes
Safety Sensor x 1 set	Yes	Yes	Yes	Yes	Yes

Model /Function	OTS-7973+G2	OTS-7953+G2	OTS-7933+G2	OTS-7913+G2	OTS-7903+G2
e.Paint Supply Subsystem					
OTS-4000 (optional) Colour Change Valve +HMI	2~20 Colours (Auto Clean)	2~20 Colours (Auto Clean)	2 ~ 20 Colours (Manual Clean)	2~20 Colours (Manual Clean)	2 Colours
OTS-4200 (optional) 2K and 3K Mixer system +HMI	2K and 3K	2K and 3K	2K and 3K	2K and 3K	2K and 3K
Gear Pump + Motor (A) x 1 set (optional) 3cc / rev 200cc~1500 cc /mim	3cc / rev	3cc / rev	3cc / rev	3cc / rev	3cc / rev
Gear Pump + Motor (B) x 1 set (optional) 6cc / rev 200 cc ~ 3000 cc / min	6cc / rev	6cc / rev	6cc / rev	6cc / rev	6cc / rev
f . Air Supply Subsystem					
Air Heater -Air Temperature Control x 1 set	Manual	Manual	Manual	Manual	Manual
Air Filter (screening oil and water) x 1 set	Auto	Auto	Auto	Auto	Auto
g. Smart Monitor Sensor Subsystem (optional)					
Air Flow	Local / Remote monitor	Local / Remote monitor			
Paint flow	Local / Remote monitor	Local / Remote monitor			
Paint Pressure	Local / Remote monitor	Local / Remote monitor			
Air Pressure	Local / Remote monitor	Local / Remote monitor			
Environment VOC Detect Sensor	Local / Remote monitor	Local / Remote monitor			
Monitor motor	Local / Remote monitor	Local / Remote monitor			
Smoke Sensor	Local / Remote monitor	Local / Remote monitor			
Air Temperature and Humidity	Local / Remote monitor	Local / Remote monitor			
AI Dashboard System	Local / Remote monitor	Local / Remote monitor			
Power Consumption monitor	Local / Remote monitor	Local / Remote monitor			
h. Safety Subsystem (optional)					
Safety Light Curtains Interlocking with disc system	Auto	Auto			
Automatic Miniature Fire Extinguisher (For Spray Gun and Control Panel system Only)	Auto	Auto			
I. Security System (optional)					
Remote Digital Video Monitor System (RDVRS)	Local / Remote monitor	Local / Remote monitor			
j. Small water-borne -Paint kitchen					
Special Isolation paint kitchen with 2 gear pump and air allegator	Yes		Yes		

Easy Paint Kitchen for Waterbase and Solvent Paints



Dimension: 76x43 x170 cm Weight : 80 Kg

Easy Paint Kitchen for Waterbase and Solvent Paints - Gear Pump



3cc ~6cc/rev
Gear Pump



Gear Pump
Motor

Application - Industry

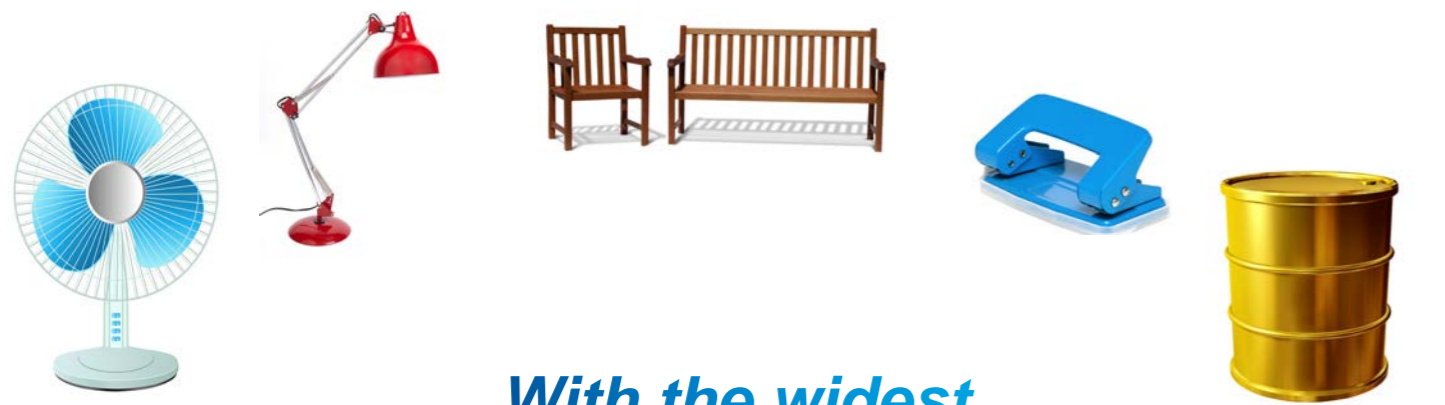


Meeting the requirements
of each industry....



OTS - 7900
Auto Liquid Electrostatic Spray Bell

Application - Spray Range



.....With the widest industrial spray range



OTS - 7900
Auto Liquid Electrostatic Spray Bell



Series 5000
DISK ELECTROSTATIC AUTO COATING SYSTEM
MAX 60000RPM (no loading spray disk)

HYBRID
2K/3K WATERBASED
2K/3K SOLVENT

EX ATEX
LOW VOC EMISSIONS

OTS-3000+
MANUAL LIQUID ELECTROSTATIC SPRAY GUN
HYBRID

BEST CHOICE

- * New Design Model
- * New LED Panel
- * Adaptive Electrostatic Power
- * More Safety, Low Maintenance
- * High Transfer Efficiency
- * High Quality Finishing
- * Light Weight Gun

EX ATEX

470g

Solvent Waterborne DUAL Coating H.E.T. High Efficiency Technology

OTS-9000
Auto Electrostatic Spray Bell System



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