

Air-wrap electrostatic hand gun unit

Te Top Series

APEG100,SP1628EW · APEG100M,SP1636M-EW

New type air cap realized high transfer efficiency, high quality finishing and compatibility with high flow rate

Improve operability and quality

3 types of air cap

EN-F (Finishing type)

The high atomization performance makes high-quality finishing like air spray gun coating.



EN-S (High coat type)

High straightness atomization makes better transfer efficiency to the big object.



EN-P (High flow rate type)

Realizes less overspray in outdoor operation even high viscosity paint and thick film coating.



Operability

Reduces load on operator's wrist by improving weight balance of the equipment. That achieved improvement of operability because it can relieve fatigue even in long operation.



Applicable to metallic paint (APEG100M)

The newly developed paint tube structure reduces current leakage and increase electrostatic efficiency.

Maintenance

Easy maintenance thanks to combined main parts.



Gun filter

Built-in filter removes dust in the paint and prevent clogging on the nozzle.

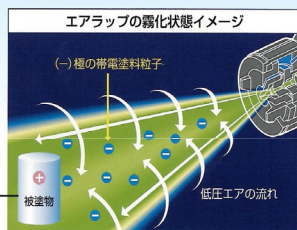


Electrostatic switch near the grip

Easily control electrostatic ON/ OFF according to the shape of the object.

What is air wrap coating?

This is coating method of wrapping with the air and charging the paint mist. The process is that the paint is atomized at a pressure of 2 to 16Mpa and the low pressure air (about 0.2Mpa) discharged from air cap and wraps this paint mist. Then, the paint mist is charged and efficiently adheres to the object. This achieved both high transfer efficiency and high quality finishing.



Aiming at eco-friendly and human-friendly coating

"Ec'Coater" is formed from the words "Ecology" and "Coater (coating machine)". "Ec'Coater" represents our concept born through our corporate principle.

Pump unit for Te Top series SP1628EW/SP1636M-EW

(for APEG100) (for APEG100M)
With electrostatic controller

The electrostatic controller is loaded on the unit. Compact unit makes easy installation or moving this unit.



SP1628EW

Electrostatic Controller

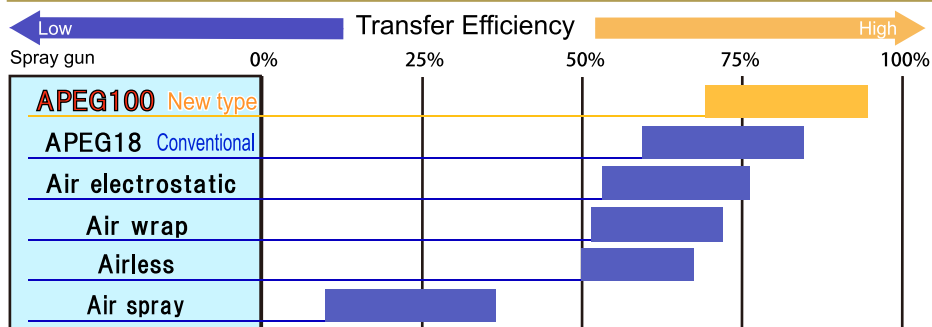
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TeTop Series

●Te Top unit



Saving cost and resources



*Transfer efficiency changes depend on conditions. This is but a reference.

Specification

●Air-wrap hand gun

Model	APEG100	APEG100M※
Max. voltage	DC-60kV	
Max. liquid pressure	21MPa	10MPa
Max. air pressure	0.6MPa	
Air hose joint	G1/4 (PF1/4)	
Paint hose joint	G1/8 (PF1/8)	
Max. air consumption	350L/min(ANR)	
Length	227mm	
Weight	645g	685g
Applicable paint	Solvent(solid/ clear)	Solvent(metallic)

*APEG100M and SP1636M-EW are the order production. Regarding to the delivery, please ask our sales person.

●Pump unit

Model	SP1628EW	SP1636M-EW※
Applicable gun	APEG100	APEG100M
Pressure ratio	1:30	1:20
Max. spray pressure	15MPa	10MPa
Flow rate	Regular	2.2L/min
	Max.	6.8L/min
Electrostatic controller	BPS130A	
Adjust the voltage	DC-20/-30/-40/-50/-60kV(5-steps control)	
Input power	AC100~120V 50/60Hz	
Unit size (W×D×H)	401×568×916mm	
Unit weight	41kg	42kg

Air cap set

Model	EN-F1	EN-F2	EN-S3	EN-S4	EN-S5	EN-P6	EN-P7	EN-P8
Part no.	15A3	15A3-1	15A1	15A1-1	15A1-2	15A8	15A8-1	15A8-2
Specification	Finishing type		High coat type			High flow rate type		
Pattern width(mm)	150~200		120~170		150~200	200~250		250~300
Flow rate(mL/min)	300~500	400~650	550~800	650~950	900~1350	1300~2000	1900~2600	2900~3900

Accessories

Name	Part no.	Remarks
Connection cable	2578	20m
Extension cable	2556	10m
Gun cover	35CF-002	10 pcs in one set.
Gun filter	1404(1404-1)(1404-2)	#60(#80)(#100)
Hose joint	1742-006	for paint route (caliber: G1/4)
Maintenance tool set	35F3	for main tenance
Paint resistivity meter	2717	for checking paint resistance

Standard cable/ hose

●Connection cable

Part no.	Length
2577	10m

●Air hose

Part no.	Length
3403-2	10m

●Paint hose

Part no.	Length(remarks)
NH03050	5m(Gun side)
NSR06050	5m(Pump side)
3202-232	(Intermediate nipple)

*The above total length is 10m.



Cautions for Safety

For correct and safe use of the equipment, please refer to Operation manual provided for it.

*Appearances and specifications of the equipment shown on this booklet are subject to be changed for the purpose of its improvement, without pre-announcement.



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ISO9001
JQA-2095



ISO14001
JQA-EM2121