

# PPH 707-MS

[ **Multispray** - Multi-purpose robotic bell and guns



## USE

Multispray is a functionality for electrostatic robotic atomizers, meant exclusively for solvent paints.

The Multispray functionality will allow its user to validate with bell sprayers an all-electrostatic solution, including dusting, in order to reduce paint usage.

It combines, in a unique feature, the possibility to spray with a gun or with a bell from one same common body. The spray heads are manually and quickly interchanged to turn into the type of applicator required.

This most versatile tool, born from the famous SAMES PPH 707 series, is made of a main body (or manifold), which incorporates the air and fluid supplies and the HV cascade.

It is outfitted with a quick-disconnect feature which permits a quasi instantaneous tool change (manual operation): It can go from a bell sprayer PPH 707-MS to a single head gun PPH 707-MS-GUN in a matter of seconds and then back to a bell sprayer.



PPH 707-MS



PPH 707-MS-GUN



## ADVANTAGES

### Great versatility!

One body plus the required bell / gun and you have all the applicator you want ...at the tip of your robot !

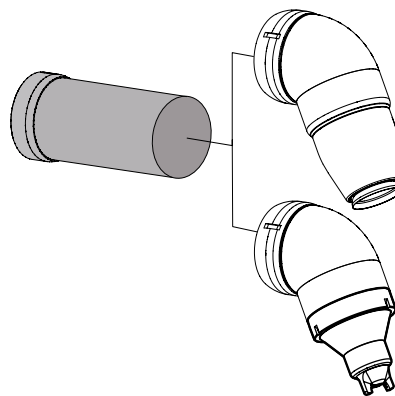
### A spraying system «on the move»

The Multispray system facilitates the whole approach to finishing, the same assembly being easily configured into a gun or a bell.

Production on the painting line may start with a PPH 707-MS-GUN (air-electrostatic gun) then one may want to go with a PPH 707-MS bell to test the electrostatic dusting with a bell for instance, and return to normal production schedule with the original PPH 707 MS-GUN.

### 7 Potentially configurations:

Pass 1		Pass 2	
Bell	Gun	Bell	Gun
	*		*
	*		⚡
	⚡		*
	⚡		⚡
⚡			*
⚡			⚡
⚡		⚡	
* without electrostatic ⚡ with electrostatic			



In the same spirit, one may elect to change from the PPH 707-MS bell configuration to a gun PPH 707-MS-GUN configuration if series of complex-shaped parts are introduced on the line, requiring a gun.

- Approval testing can be completed with only one Multispray system instead of with each gun or each bell configuration.
- Reduction by 70% of the time needed for the validation of parts, paints and colors.
- Reduction of the time needed for the installation or removal of the different configurations.
- The Multispray system allows increased line uptime.
- The Multispray is made a safer product, by its integral cascade and the built-in safety features of the GNM 100/200 power supply.

- The Multispray system permits to optimize transfer efficiency, thus reducing paint consumption.
- Only one style applicator for different applications, drastically reduces maintenance costs and the need for a big inventory of parts.

PPH 707-MS :

CE 0080 II 2 G  
 EEx > 350 mJ  
 ISseP05ATEX032X

GNM 200<sup>(1)</sup>;

CE 0080 II (2) GD  
 [EEx > 350 mJ]  
 ISseP05ATEX032X  
 ISseP06ATEX032X  
 ISseP07ATEX001X

(1): This module is used to control the UHT 157. It is part of the certified equipment configuration and contributes to its correct performance. It must be installed in a non-explosive area.

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