

Equipment

Designation	Part number
PPH 707 EXT MT [curved fingers]	910030393
UHT330c	910030615

Kits

Designation	Part number
Electric kit : GNM300 + low voltage cable 17+8m+ BSC 300 + microphone 20m + Profinet	910030641

Spare Parts

Designation	Part number
NANOVALVE	1510004
MICROVALVE D6	1507375
O-RING KIT (QUICK DISCONNECT PLATE)	910003416
O-RING KIT (HIGH SPEED TURBINE)	910003415
BELL CUP EX65 Aluminum	910004615
BELL CUP EX65 Aluminum non serrated	910008549
BELL CUP EX65 Titanium	910009383
BELL CUP EX65 Titanium non serrated	910009385
BELL CUP EX80 Titanium	910012705
BELL CUP EC50 Aluminum	910003159
BELL CUP EC50 Titanium	910008756

PPH707 EXT MT

Robotic sprayer with external charge electrodes & multi-trigger technology

Electrostatic / Robotic Bells



THE HIGHEST RUNNERS YOU PAINT, THE HIGHEST SAVINGS YOU HAVE

- High finish quality
- High transfer efficiency
- Easy integration

Markets



BOND • PROTECT • BEAUTIFY



PPH707 EXT MT

Robotic sprayer with external charge electrodes & multi-trigger technology

PPH707 EXT external charge sprayer is dedicated to the application of waterborne materials. This version of the PPH707 EXT features Multi-Trigger technology, which integrates a color change block in the body of the atomizer. This color change block allows for 1 super-high runner and 5 high runners, saving paint on color changes.

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Technical data table

Designation	Value	Unit: metric (US)
Weight	10.2 (22.5)	kg (lbs)
Standard Material Supply Pressure	6 - 8 (87 - 116)	bar (psi)
Maximum Material Pressure	10 (145)	bar (psi)
Minimum Paint Flow	30 (0.008)	cc/min (gal/min)
Standard Paint Flow	400 (.106)	cc/min (gal/min)
Maximum Paint Flow	700 (.185)	cc/min (gal/min)
Rotation Speed	15 - 70000	rpm
Voltage Max	UHT330: 80kV / UHT330c: 65kV	kV
Current Max	$U_c \leq 65 \text{ kV} \Rightarrow 500 \mu\text{A}$ / $65 \text{ kV} < U_c \leq 80 \text{ kV} = 350 \mu\text{A}$	μA
ATEX Certification	II 3 G X T6 E > 2 J	
High Voltage Unit	UHT330 / UHT330c	
High Voltage Control Module	GNM300: II (2) G [350 mJ < Ex < 2J]	



Technologies



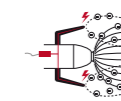
Normative Regulations

ATEX

ATEX Regulation



Electrostatic



External Charge



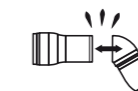
EX Shape



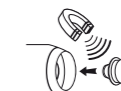
High Speed Turbine



Hi-TE



Quick Disconnect



Magnetic Cup



Rotating Bell

Performance

- 1 High rotating speed whatever the paint flow for the finest atomizing
- 2 High voltage unit gives the maximum electrostatic effect for highest transfer efficiency possible
- 3 Hi-TE dual shaping air with patented mixing straight and vortex airs
- 4 The dual circuit allows a very fast color change <10sec
- 5 Highest performances for high runners : 5,6sec color change time, 4cc paint loss only !

Productivity

- 6 The large range of bell cups EC50, EX65 and EX80 adapts to every layer to paint.
- 7 The lightweight design of PPH 707 EXT is suitable to every painting robot
- 8 Remote bell monitoring device avoid to spray without the bell cup, securing the painting process after a shut down.

Sustainability

- 9 High reliability of every component (valves, high voltage, air motor, fittings, bell cup) for high production rate paintshop
- 10 Titanium bellcup for longer life, high resistance to abrasion
- 11 7 years/30,000h warranty turbine (whichever is sooner)
- 12 Magnetic bellcup fastening system : the easiest system on the market
- 13 Easy to maintain the full atomizer thanks to the Quick disconnect
- 14 "Cabriolet cover" for easy access to valve in the atomizer



Description

