

EcoGun AS MAN

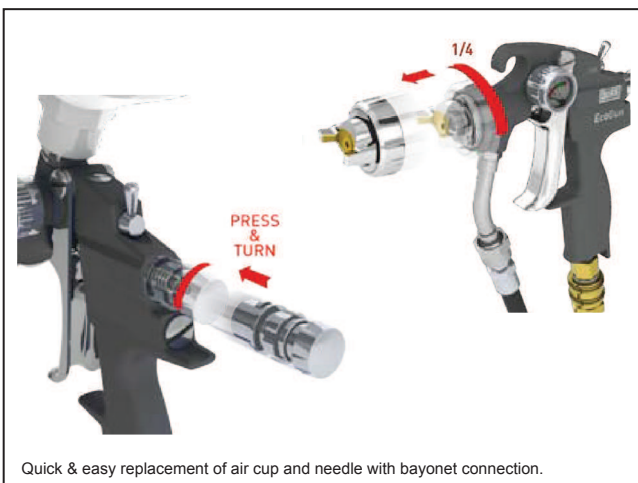
Manual air spray guns

Product Line



Type	EcoGun AS MAN 1PS (246)	EcoGun AS MAN 1PF (249)	EcoGun AS MAN 2PF (910S)
Part No.	N36200008V	N36200007V	N36200001V
Feeding	Pressure	Pressure	Pressure
Connector media	M14x1.5 / 3/8" UNI	M14x1.5 / 3/8" UNI	3/8" NPSM / G3/8"
Conector air	1/4" UNI	1/4" UNI	G1/4" / 1/4" NPT
Air pressure max.	6.0 bar (87 psi)	6.9 bar (100 psi)	8.0 bar (116 psi)
Fluid pressure max.	6.0 bar (87 psi)	6.9 bar (100 psi)	4.0 bar (58 psi)
Nozzle sizes	1.2 / 1.3 / 1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.8 / 4.0 mm	0.8 / 1.0 / 1.2 / 1.3 / 1.4 / 1.6 / 1.8 / 2.0 / 2.2 / 2.8 / 4.0 mm	0.5 / 0.8 / 1.0 / 1.2 / 1.3 / 1.4 / 1.5 / 1.6 / 1.8 / 2.0 / 2.5 / 3.0 mm
Technical highlights	<ul style="list-style-type: none"> » Inlet air regulation lever on top. » Different material inlets. » Optional extensions. 	<ul style="list-style-type: none"> » Bottom inlet air regulator. Needle adjustment lock. » Fine quality nozzles. » Different material inlets. high duty hardened nozzles. 	<ul style="list-style-type: none"> » Inlet air regulation lever on top » Needle adjustment lock. » Fine quality nozzles. Bayonete air cap and needle connection system. Optional air pressure gauge.
Field of use	<ul style="list-style-type: none"> » General paint application. Primers, fillers, top coats, stains in general industry etc. Low duty abrasive materials like glazes, enamels or zinc paints. 	<ul style="list-style-type: none"> » Fine finish coatings. Stains, top coats, clear coats, automotive fillers and primers. High duty abrasive materials like glazes, enamels or zinc paints. 	<ul style="list-style-type: none"> » Fine finish coatings. Stains, top coats, clear coats, automotive fillers and primers.

Technical Illustration



Customer Benefits

- » Gravity and pressure feeding
- » Top level quality coating
- » Simple to use, easy to maintain
- » Wide range of nozzle types to cover all applications
- » Stainless steel material path
- » Selection of different material connections

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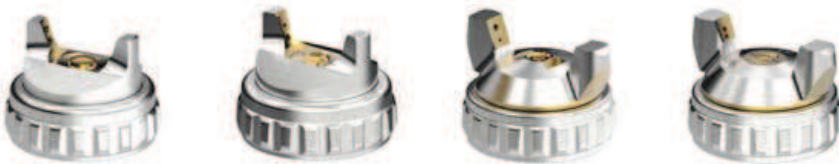
Air Caps



Type	AL	EL	GL	PC	RS 1,5
Part No.	M35030162	M35030163	M35030164	M35030091	M35030181
Compatible spray guns	EcoGun 116 / EcoGun 246	EcoGun 116 / EcoGun 246	EcoGun 116 / EcoGun 246	EcoGun 246	EcoGun 116 / EcoGun 246
Nozzle sizes	1.0-2.2 mm	2.8 mm	4.0 mm	1.0-2.2 mm	1.5 mm
Air pressure recom.	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)
Field of use	Top coats, base coats, primers, enamels	General paints, primers or fillers, high flowrate	General paints, primers or fillers, very high flowrate	General paints, primers or fillers	Release and anti-adhesives agents, not suitable for applying paints & lacquers



Type	PS	LA	LW	LH	LE
Part No.	M35030166	M35030079	M35030081	M35030080	M35030086
Compatible spray guns	EcoGun 246	EcoGun 119	EcoGun 119	EcoGun 119	EcoGun 119 EcoGun 249
Nozzle sizes	1.4-2.2 mm	1.2-2.2 mm	1.2-2.2 mm	1.2-2.2 mm	2.8 mm
Air pressure recom.	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-44 psi)	2.0-3.5 bar (29-44 psi)	2.0-3.5 bar (29-43 psi)	2.0-3.5 bar (29-51 psi)
Field of use	Abrasive paints e.g. zinc paints	Solvent borne top coats, clear coats, primers	Water borne top coats, clear coats, primers	Top coats, base coats, primers	General coatings e.g. base coats, primers, fillers, abrasives, glazes, enamels, zinc paints



Type	LG	LP	LS	LC
Part No.	M35030085	M35030082	M35030084	M35030083
Compatible spray guns	EcoGun 249	EcoGun 249	EcoGun 119 EcoGun 249	EcoGun 249
Nozzle sizes	4.0 mm	0.8-1.4 mm	1.4-2.2 mm	1.3-2.2 mm
Air pressure recom.	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)
Field of use	General coatings, high viscosity materials, very high flowrate	Fine finish coating, top coats, clear coats, mordants	Abrasives, glazes, enamels, zinc paints	General coatings e.g. base coats, primers, fillers

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Air Caps



Type	CF A (0,5-1,2mm)	CF B (1,3-1,6mm)	CF C (1,8-2,5mm)	CF D (3,0mm)
Part No.	M35030069	M35030070	M35030071	M35030072
Compatible spray guns	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S
Nozzle sizes	0.5-1.2	1.3-1.6 mm	1.8-2.5 mm	3.0 mm
Air pressure recom.	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)
Field of use	Top coats, base coats, primers	Top coats, base coats, primers	Top coats, base coats, primers	Top coats, base coats, primers

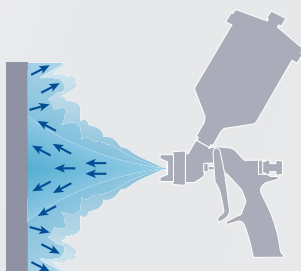


Type	LF A (0,5-1,2mm)	LF B (1,3-1,6mm)	LF C (1,8-2,5mm)	LF D (3,0mm)
Part No.	M35030073	M35030074	M35030075	M35030076
Compatible spray guns	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S	EcoGun 910 / EcoGun 910S
Nozzle sizes	0.5-1.2 mm	1.3-1.6 mm	1.8-2.5 mm	3.0 mm
Air pressure recom.	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)	2.0-3.5 bar (29-51 psi)
Field of use	Top coats, base coats, primers	Top coats, base coats, primers	Top coats, base coats, primers	Top coats, base coats, primers

AIR SPRAY METHODS

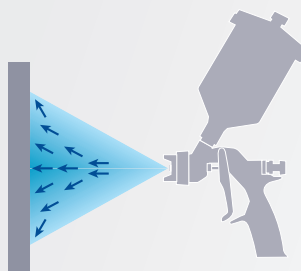
Conventional

Extremely fine atomization and great surface coverage. The higher dynamic energy compared to LVLP (HVLP) technology often keeps the transfer efficiency (TE) considerably below those achieved with LVLP (HVLP) guns. This is due in particular to particle bounce back from the object and increased over spray.



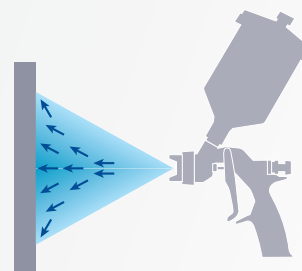
HVLP (High Volume Low Pressure)

Low spray pressure technology. Terminology for an internationally recognized low-pressure technology whereby the transfer efficiency rate has to exceed 65%, while the maximum air cap pressure is below 0.7 bar



LVLP (Low Volume Low Pressure)

Further development of HVLP technology to achieve a TE comparable to that of HVLP technology but still being able to spray difficult materials with good quality results



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Accessory - Extensions



Type	LPS	NP 250	NS 250
Part No.	M19140010 / M19140011 / M19140012 / M19140013	M19140014 / M19140016	M19140015 / M19140017
Length	300 / 600 / 1000 / 1500 mm	250 mm	250 mm
Outer diameter	18 mm	8 / 10 mm	8 / 10 mm
Nozzle diameter	2.2 mm	1.0 / 1.2 mm	1.0 / 1.2 mm
Compatible spray guns	EcoGun 116 / EcoGun 246	EcoGun 116 / EcoGun 246	EcoGun 116 / EcoGun 246
Spray pattern	Direct round spray or circular spray for inner parts of the pipe.	Direct round spray.	Side spray beam.



Type	PN 600	MLP 6
Part No.	M19140025 / M19140026 / M19140027	M19140024
Length	600 mm	1500 mm
Outer diameter	–	6 mm
Nozzle diameter	1.8 / 2.2 mm	– (spiral nozzle)
Compatible spray guns	EcoGun 246	EcoGun 246
Spray pattern	Round to flat, extension use standard nozzles and air caps.	Round spray, flexible hose to reach cavities for anti corrosion protection.