

Spray Guns Airspray

Manual and automatic spray guns



Product Families

- » **EcoGun AS MAN** – Manual air spray guns
- » **EcoGun AS AUTO** – Automatic air spray guns



EcoGun AS MAN

Manual air spray guns

Description

The Dürr collection of manual air spray guns are designed for all kind of tasks in multiple application areas. There is a line of gravity feed spray guns which are primarily used for coating smaller areas like car body repairs, furniture lacquer application, and other similar areas. There is also

a line of pressure fed spray guns which are primarily used for larger area painting. There available special variants of spray guns for heavy duty application of high solid materials like enamels or glazes.

Product Line



Type	EcoGun AS MAN 1GS (116)	EcoGun AS MAN 1GF (119)	EcoGun AS MAN 2GF (910)
Part No.	N36200006V	N36200005V	N36200003V
Feeding	Gravity	Gravity	Gravity
Connector media	G 3/8" / M16x1.5	G 3/8" / M14x1.5	G 3/8"
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)
Nozzle sizes	1.0 / 1.2 / 1.3 / 1.4 / 1.6 / 1.8 / 2.0 / 2.8 / 4.0 mm	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"> » Bottom inlet air regulator. » Optional extensions. » Different material connectors available. 	<ul style="list-style-type: none"> » Bottom inlet air regulator. Needle adjustment lock. » Fine quality nozzles. » Different material connectors available. 	<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 in general industry etc. Low duty abrasive materials like glazes, enamels or zinc paints. 	<ul style="list-style-type: none"> » Fine finish coatings. 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. Top coats, clear coats, automotive fillers and primers.

Feeding cups



Type	600ml G3/8"	600ml M14x1.5	750ml G3/8" Al	125ml G3/8"
Part No.	N08010034	N08010039	N08010035	N08010032
Feeding	Gravity	Gravity	Gravity	Gravity
Material	Nylon	Nylon	Aluminium	Nylon
Volume	600 ml	600 ml	750 ml	125 ml
Connector	G3/8"	M14x1.5	G3/8"	G3/8"
Filter sieve	0.23 mm	0.23 mm	none	0.23 mm

EcoGun AS MAN

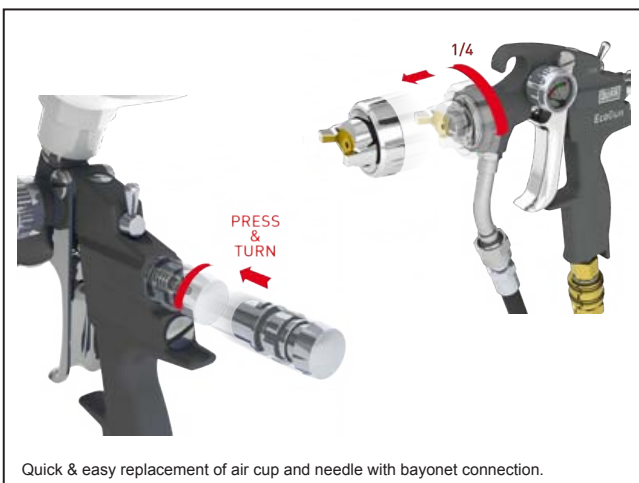
Manual air spray guns

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

EcoGun AS MAN

Manual air spray guns

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

EcoGun AS MAN

Manual air spray guns

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

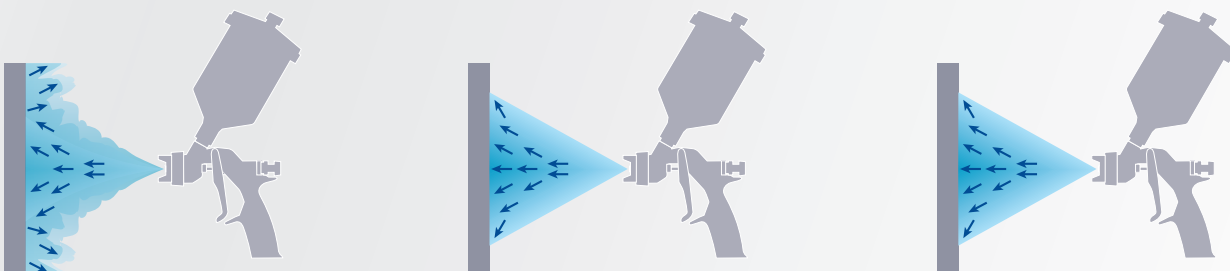
Extremely fine atomization and great surface coverage. The higher dynamic energy compared to LVLP (HVLP) technology often keeps the transfer efficiency (TE) considerably below those achieved with LVLP (HVLP) guns. This is due in particular to particle bounce back from the object and increased over spray.

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)

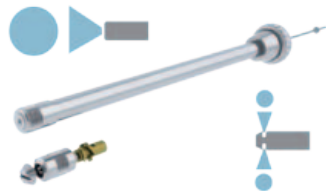
Further development of HVLP technology to achieve a TE comparable to that of HVLP technology but still being able to spray difficult materials with good quality results



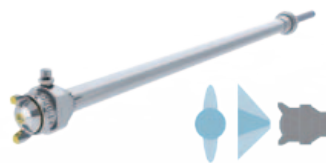
EcoGun AS MAN

Manual air spray guns

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.

EcoGun AS AUTO

Automatic air spray guns

Description

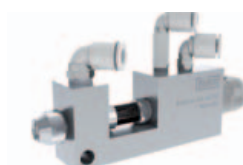
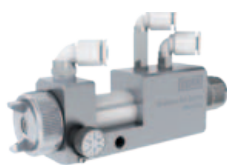
The wide range of automatic air spray guns is tailored to fulfill many kinds of application jobs across all industries. There are spray guns suitable for standard paint applications and special coverage applications in ceramic or glass industry.

There is a selection of spray guns that can be used for dot marking or very small area coating. All automatic spray guns are capable for fully controlled remote operation by the production control systems.

Product Line



Type	EcoGun AS AUTO	EcoGun AS AUTO Pro	EcoGun AS AUTO Pro HD
Part No.	N36210008V	N36210012V	N36210013V
Connector fluid	Hose 6/4mm	G 1/4"	G 3/8"
Connector air Atom./Cont.	Push-in 8mm / Push-in 6mm	Push-in 8mm / Push-in 6mm	Push-in 8mm / Push-in 6mm
Air pressure Atom., max.	6.0 bar (87 psi)	8.0 bar (116 psi)	8.0 bar (116 psi)
Air pressure Cont., max.	4.0 bar (58 psi)	4.0 bar (58 psi)	6.0 bar (87 psi)
Inlet media pressure max.	6.0 bar (87 psi)	4.0 bar (58 psi)	4.0 bar (58 psi)
Nozzle sizes	0.8 / 1.0 / 1.2 / 1.6 / 1.8 / 2.0 / 2.2 mm	0.5 / 0.8 / 1.0 / 1.2 / 1.3 / 1.4 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 mm	0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 4.5 / 6.0 mm
Technical highlights	<ul style="list-style-type: none"> » Two material inlets for circulation. » Optional remote control of spray pattern. » Calibrated bracket. » Stainless steel material path. » Optional extensions. 	<ul style="list-style-type: none"> » Two material inlets for circulation. » Optional remote control of spray pattern. » Stainless steel material path. » Air caps and nozzles for LVLP. 	<ul style="list-style-type: none"> » Two material inlets for circulation. » Optional remote control of spray pattern. » Stainless steel material path. » Hardened nozzles for heavy duty applications
Field of use	» Usual paint application, primers, base coats, top coats, clear coats.	» Usual paint application, primers, base coats, top coats, clear coats.	» Enamels, glazes or other high abrasive materials in ceramic industry.



Type	EcoGun AS AUTO Mini FS	EcoGun AS AUTO Mini RS	EcoGun AS AUTO Mini HD
Part No.	N36210006V	N36210007V	N36210010V
Connector fluid	Push-in 6mm	Push-in 6mm	Hose 8/6mm
Connector air Atom./Cont.	Push-in 6mm / Push-in 6mm	Push-in 6mm / Push-in 6mm	Hose 8/6mm / Hose 8/6mm
Air pressure Atom., max.	5.0 bar (73 psi)	5.0 bar (73 psi)	4.0 bar (58 psi)
Air pressure Cont., max.	5.0 bar (73 psi)	5.0 bar (73 psi)	4.0 bar (58 psi)
Inlet media pressure max.	1.5 bar (22 psi)	1.5 bar (22 psi)	6.0 bar (86 psi)
Nozzle sizes	0.6 / 0.8 / 1.0 / 1.2 mm	0.6 / 0.8 / 1.0 / 1.2 mm	0.5 / 0.8 / 1.0 / 1.2 / 1.5 mm
Technical highlights	<ul style="list-style-type: none"> » Flat to round spray pattern regulation. » Remote or manual horn air regulation. » Stainless steel nozzles. 	<ul style="list-style-type: none"> » Round spray pattern. » Stainless steel nozzles. » Optional extensions. 	<ul style="list-style-type: none"> » Round spray pattern. » Stainless steel nozzles and gun body. » Remote atomization air regulation.
Field of use	» Small area painting, dot marking	» Small area painting, dot marking	» Glues or other demanding coatings.

EcoGun AS AUTO

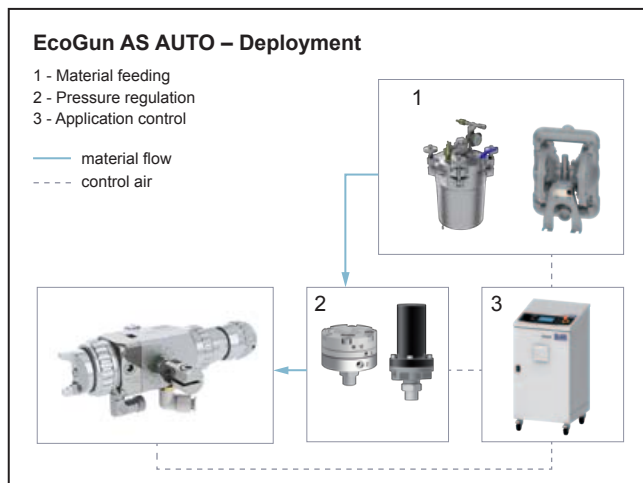
Automatic air spray guns

Product Line



Type	EcoGun2 AS AUTO	EcoGun AS AUTO Uni
Part No.	N36210005V	N36210011V
Connector fluid	G 1/8" (female)	G 1/4" (female)
Connector air Atom./Cont.	Push-in 8mm / Push-in 6mm	G 1/4" (female)
Air pressure Atom., max.	10.0 bar (145 psi)	6.0 bar (87 psi)
Air pressure Cont., max.	8.0 bar (116 psi)	6.0 bar (87 psi)
Inlet media pressure max.	20.0 bar (260 psi)	6.0 bar (87 psi)
Nozzle sizes	1.1 / 1.4 mm	1.0 mm
Technical highlights	<ul style="list-style-type: none"> » Quick and easy detachable fluid section and atomizer section. » Air cup position lock. » Stainless steel nozzles and spray gun body. Two versions 	<ul style="list-style-type: none"> » Single air inlet for needle opening and atomization.
Field of use	<ul style="list-style-type: none"> » Robot paint applications. 	<ul style="list-style-type: none"> » Atomization of water for cooling purposes. Separation coatings application.

Technical Illustration



Customer Benefits

- » Wide range of spray gun types to fit all kinds of applications
- » Top level quality coating
- » Simple to use, easy to maintain
- » Wide range of nozzle types to cover all applications

EcoGun AS AUTO

Automatic air spray guns

Air Caps



Type	CF	LF (LVL P)	SF (conv.)
Part No.	M35030174, M35030175, M35030176, M35030177, M35030178	M35030170, M35030171, M35030172, M35030173	M35030179, M35030180
Compatible spray guns	EcoGun AS AUTO pro	EcoGun AS AUTO pro	EcoGun AS AUTO pro
Nozzle sizes	0.5 - 0.8 / 1.0-1.2 / 1.3-1.6 / 1.8-2.5 / 3 mm	0.5 - 1.2 / 1.3-1.6 / 1.8-2.5 / 3 mm	0.5 - 0.8 / 1.0-1.2 mm
Air pressure recom.	2.0-2.5 bar (29-36 psi)	2.0-2.5 bar (29-36 psi)	2.0-2.5 bar (29-36 psi)
Field of use	Top coats, base coats, primers, UV-coats	Top coats, base coats, primers, UV-coats	Top coats, decorative coatings (e.g. cosmetic and glass industry)



Type	circular jet	FLRD	rotary jet
Part No.	M35030144, M35030088, M35030145, M35030146, M35030147, M35030148, M35030149, M35030150, M35030151, M35030135, M35030136	M35030106, M35030107, M35030108, M35030109, M35030110, M35030111, M35030112, M35030113, M35030114, M35030115	M35030128, M35030129, M35030143, M35030130, M35030131, M35030132, M35030133, M35030134
Compatible spray guns	EcoGun AS AUTO pro HD	EcoGun AS AUTO pro HD	EcoGun AS AUTO pro HD
Nozzle sizes	0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 4.5 / 6.0 mm	0.5 / 0.8 / 1.0 / 1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 4.5 / 6.0 mm	1.2 / 1.5 / 1.8 / 2.0 / 2.5 / 3.0 / 4.5 / 6.0 mm
Air pressure recom.	2.0-2.5 bar (29-36 psi)	2.0-2.5 bar (29-36 psi)	2.0-2.5 bar (29-36 psi)
Field of use	Top coats, base coats, decorative coatings	Ceramic glazes, enamels	Ceramic glazes, enamels, heavily atomized materials like adhesives

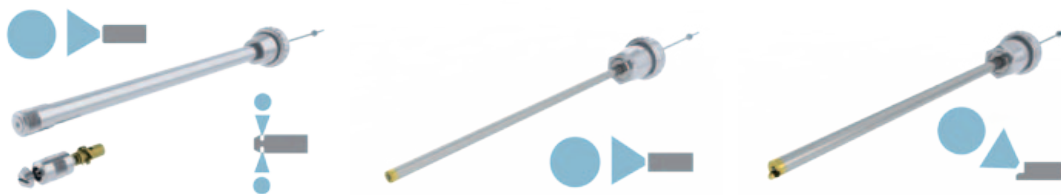


Type	Air cap PC	Air cap HM	Air cap PL	797CS	797CS RP
Part No.	M35030091	M35030092	M35030087	M35030056	M35030038
Compatible spray guns	EcoGun AS AUTO	EcoGun AS AUTO	EcoGun AS AUTO	EcoGun2 AS AUTO	EcoGun2 AS AUTO
Nozzle sizes	1.0 - 2.2 mm	1.0 - 1.2 mm	0.8 - 1.2 mm	1.1 / 1.4 mm	1.1 / 1.4 mm
Air pressure recom.	2.5-3.5 bar (36-51 psi)	2.5-3.5 bar (36-51 psi)	2.5-3.5 bar (36-51 psi)	4.8 bar (70 psi)	4.8 bar (70 psi)
Field of use	General paints, primers or fillers	Top coats, mordants (lower viscosity)	Fine finish coatings, top & clear coats	Primers, base and clear coats, top coats	Primers, base and clear coats, top coats

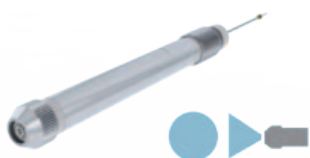
EcoGun AS AUTO

Automatic air spray guns

Accessory - Extensions



Type	LPS	NP 250	NS 250
Part No.	M19140022 / M19140023	M19140018 / M19140020	M19140019 / M19140021
Length	300 / 500 mm	250 mm	250 mm
Outer diameter	18 mm	8 / 10 mm	8 / 10 mm
Nozzle diameter	—	1.0 / 1.2 mm	1.0 / 1.2 mm
Compatible spray guns	EcoGun AS AUTO	EcoGun AS AUTO	EcoGun AS AUTO
Spray pattern	Direct round spray or circular spray for inner parts of the pipe.	Direct round spray.	Side spray beam.



Type	DSA 100
Part No.	M19140006 / M19140007 / M19140008 / M19140009
Length	100 mm
Outer diameter	13 mm
Nozzle diameter	0.6 / 0.8 / 1.0 / 1.2 mm
Compatible spray guns	EcoGun AS AUTO Mini RS
Spray pattern	Direct round spray.