



# EcoGun ACE

Manual gravity feed cup spray gun with a disposable nozzle & cup system

The **EcoGun ACE** perfectly combines Dürr's traditional painting equipment and HSM's new, revolutionary concept. The manual air spray gun utilizes a disposable nozzle system ACE-SPE with a disposable cup system SPA EASY LINE or EASY LINE MIX to simplify the gun cleaning process to needle tip cleaning only, which significantly reduces maintenance downtime and saves money on cleaning agents. At the same time, the **EcoGun ACE** offers standard functionality, such as spray pattern regulation (round to flat), and air and paint volume control.



## CUSTOMER BENEFITS



[Revolutionary disposable nozzle system ACE-SPE](#)

[Up to 90% less solvent consumption](#)

[Fast paint color exchange](#)

[2-in-1-Technology: change from reduced overspray \(conventional\) to minimum overspray \(LVLP\) within seconds](#)

[Quick-clip needle removal and insertion](#)

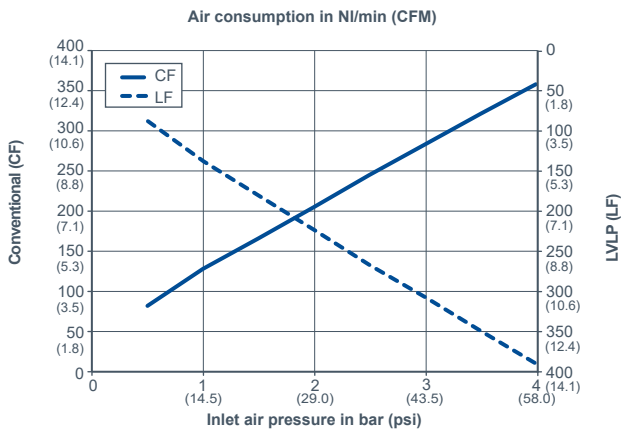
[Quick Clip technology allows needle removal and installation without changing the preset needle stroke](#)

[Lightweight design with optimum center of gravity for ergonomic handling](#)

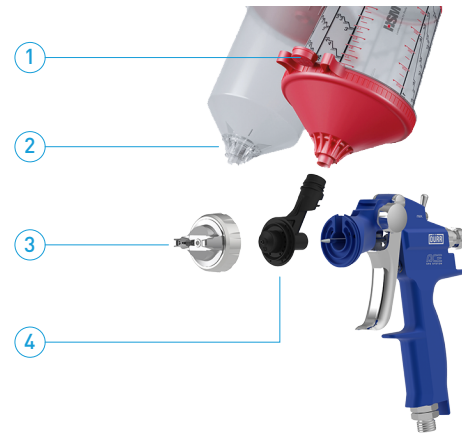
# Technical datasheet

## EcoGun ACE

### CHARACTERISTICS



### TECHNICAL ILLUSTRATION



- 1 Disposable cup SPA EASY LINE MIX, 2 Disposable cup SPA EASY LINE, 3 Air cap (CF or LF/LVLP), 4 Disposable nozzle insert ACE-SPE

### SPECIFICATION

Weight	418 g (with nozzle insert, without cup)
Materials contacted by media	Stainless steel, PP
Dimensions	185x150x40 (without cup)
Compr. air quality ISO 8573-1	ISO 8573-1:2010 [1:4:2]
Flow rate of media, max.	0 - 700 ml/min
Storage temperature	10 - 40 °C
Temperature of media	< 40 °C
Rel. humidity operation	35 - 90 %
Rel. humidity storage	35 - 90 %
Spray distance	150 - 250 mm
Viscosity	< 400 mPa.s
ATEX marking	Ex II 2G T40°C X
Air inlet	G 1/4"
Material gaskets	PP, FEPM, PE, FKM, PTFE

### NOZZLE SELECTION

Part number	Description	Nozzle diameters [mm] / Media
M35030296	Air cap CF (A) 0,5-1,2mm	1.2
M35030297	Air cap LF/LVLP (A) 0,5-1,2mm	Fine finish coating, top coats
M35030298	Air cap CF (B) 1,3-1,6mm	1.3 / 1.4 / 1.6
M35030299	Air cap LF/LVLP (B) 1,3-1,6mm	General coatings e.g. base coats, primers, fillers
M35030300	Air cap CF (C) 1,8-2,5mm	1.8 / 2.0 / 2.5
M35030301	Air cap LF/LVLP (C) 1,8-2,5mm	General coatings e.g. base coats, primers, fillers

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### ORDER NUMBERS

Part no.	Air cap	Needle size
N36270002	CF (A) 0,5-1,2mm	1.2
N36270003	CF (B) 1,3-1,6mm	1.3
N36270004	CF (B) 1,3-1,6mm	1.4
N36270005	CF (B) 1,3-1,6mm	1.6
N36270006	CF (C) 1,8-2,5mm	1.8
N36270007	CF (C) 1,8-2,5mm	2.0
N36270008	CF (C) 1,8-2,5mm	2.5
N36270009	LF/LVLP (A) 0,5-1,2mm	1.2

Part no.	Air cap	Needle size
N36270010	LF/LVLP (B) 1,3-1,6mm	1.3
N36270011	LF/LVLP (B) 1,3-1,6mm	1.4
N36270012	LF/LVLP (B) 1,3-1,6mm	1.6
N36270013	LF/LVLP (C) 1,8-2,5mm	1.8
N36270014	LF/LVLP (C) 1,8-2,5mm	2.0
N36270015	LF/LVLP (C) 1,8-2,5mm	2.5

Disposable nozzle inserts and disposable cups to be bought separately, please check Parts & accessories section for available parts

### PARTS & ACCESSORIES

Part number	Description
M09140050	NOZZLE INSERT 1,2mm ACE-SPE System
M09140051	NOZZLE INSERT 1,3mm ACE-SPE System
M09140052	NOZZLE INSERT 1,4mm ACE-SPE System
M09140053	NOZZLE INSERT 1,6mm ACE-SPE System
M09140054	NOZZLE INSERT 1,8mm ACE-SPE System
M09140055	NOZZLE INSERT 2,0mm ACE-SPE System
M09140056	NOZZLE INSERT 2,5mm ACE-SPE System
M13060025	STRAINER 195 µm Blue
M13060026	STRAINER 125 µm Green
M13060027	STRAINER 105 µm Red
N08010103	DISPOSABLE CUP EASY LINE MIX 300ml
N08010104	DISPOSABLE CUP EASY LINE MIX 500ml
N08010105	DISPOSABLE CUP EASY LINE MIX 800ml

Part number	Description
N08010102	DISPOSABLE CUP EASY LINE 550ml
M63011665	COVER F. CUP EASY LINE MIX 300 ml
M63011667	COVER F. CUP EASY LINE MIX 500/800ml
M63011666	COVER F. CUP EASY LINE 550 ml
N26050282	REGULATOR COMPRESSED AIR\0-7bar 1/4"
N36960037	Cleaning kit <b>EcoGun</b> 17 pcs
M01010185	Push-in nipple DN7 G1/4"i Ms
N40030046	Quick change connection DN7 G1/4"a Ms
N36960038	Cleaning kit EcoGun 22pcs
N08010053	DIN Cup 2 mm
N08010047	DIN Cup 4 mm
N08010054	DIN Cup 6 mm

Further accessories available on webshop

### SPARE PARTS

Part number	Description
M30010416	Union nut w.seal. <b>EcoGun</b> ACE
M08280030	Gasket D36 d33,5 s0,7 POM
M08030024	O-RING 7x1,5 EPDM PTFE-coated.
M32020674	Needle cpl. 1,2mm ACE
M32020675	Needle cpl. 1,3mm ACE
M32020676	Needle cpl. 1,4mm ACE
M32020677	Needle cpl. 1,6mm ACE
M32020678	Needle cpl. 1,8mm ACE
M32020679	Needle cpl. 2,0mm ACE

Part number	Description
M32020680	Needle cpl. 2,5mm ACE
M62060001	Plug-in clip D13,2 M12x1 L14 Ms
M30160001	Counter nut
M41260001	Stop screw M12x1 d8,5 L29,0
N32320001	Valve with pin
M08030772	O-ring 9,5x1,5 Viton extreme
M04290001	Trigger axis L19,4 SST
M41250001	Axis screw M3 D11 L8,5 SST
M69040001	Trigger EcoGun 910/910S SST