

ANEST IWATA



Super
NOVA™

WS-400
evo

Super
NOVA™

LS-400
entech®

designed by *pininfarina*

*A new constellation
for professional sprayers*



LS-400
entech

environment first

entech
HVLP

Countries where 0,7 bar (10 psi) inside air cap is mandatory, users with environment and green economy in mind will appreciate new Supernova Entech spray gun: new unique design, ANEST IWATA pre-atomization nozzle technology which we call SPLIT NOZZLE™, is able to deliver flat and thin large and optimized wet controlled spray pattern. The air cap/nozzle sets for Dry and Wet weather conditions allow the use in each environmental and temperature conditions.

100% Stainless Steel fluid passage

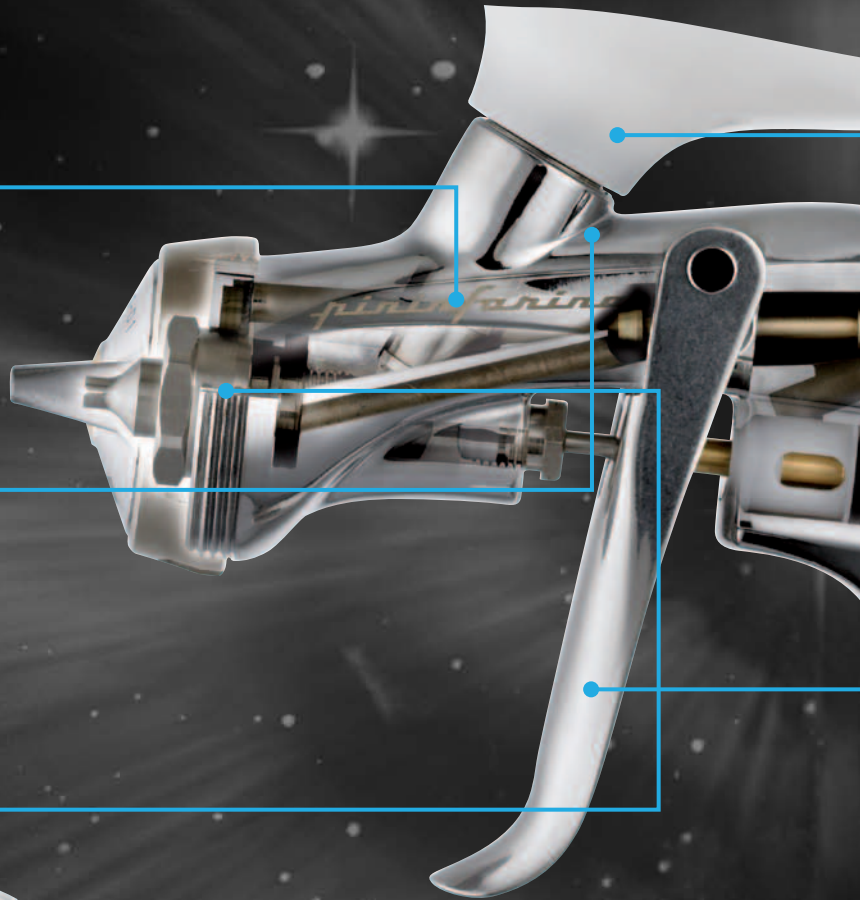
NOT Plated or Anodized Aluminium or Brass!

Perfect balance

For the first time, the angle of the cup has been designed with both disposable and standard cups in mind. The **SUPERNOVA** design guarantees perfect balance, even when using disposable cups which, being wider and sometimes longer, could affect balance.

Quick and easy release cap

No need for a removable baffle on the front of the gun, which means fewer spare parts! The air cap has a larger thread, making it both robust and easy to remove and it has been designed with low maintenance in mind. The new, larger slots in the air cap ring facilitate quick removal and refitting after cleaning.



LS-400
entech

efficacy first



evotech®

WS-400
EVO

COMPLIANT

The astonishing range of set ups, both for base coat (WB or HS) and clear coat, make the SUPERNOVA EVOTECH suitable to spray in every climatic condition with optimized atomization. ANEST IWATA exclusive pre-atomization split nozzle technology allows large spray pattern, with same particles size both ends of the spray pattern, and makes it easy to adjust the speed and distance according to the needs.

New and improved easy release paint cup system

The new locking thread system enables you to experience a secure and precise screwing and unscrewing of the paint cup.



Reliable and Precise setting

SUPERNOVA has new sturdy constructed high precision adjusters. The carefully designed grip delivers the professional painter a reliable and more importantly comfortable feeling even when wearing latex gloves.



Responsive Trigger Action

The responsive trigger action gives the painter complete control when applying tricky basecoats and final coats.

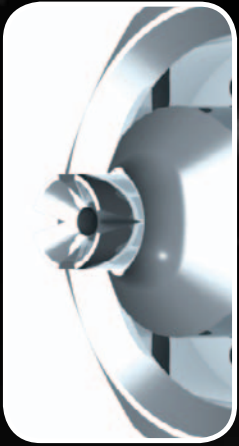
Superior surface quality Ergonomic grip

The slim ergonomic grip of the SUPERNOVA spray gun helps distribute weight and balance through the wrist, reducing the risk of repetitive strains.



WS-400
EVO

ANEST IWATA SPLIT NOZZLE

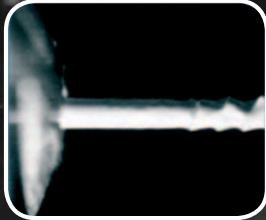


SPLIT NOZZLE, This innovative technology has continued to evolve and in doing so increases your spraying experience..... Plus this technology promises an easy and premium painting job with its **WET CONTROL** nozzle system.

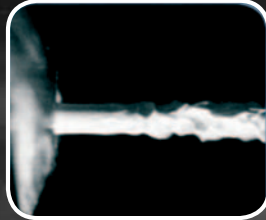
Lower pressure and lower air consumption.
A Long flat uniform spray pattern with a fine and consistent droplet enables an easy-to-control painting overlap which achieves a premium quality paint job every time.

SPLIT NOZZLE The atomizing air flow cuts the paint stream like a knife and controls the droplets efficiently... Working at a lower pressure enables lower air consumption through the flat tip nozzle system.

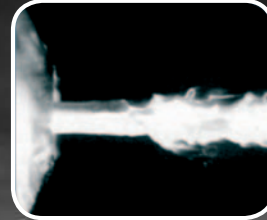
Standard



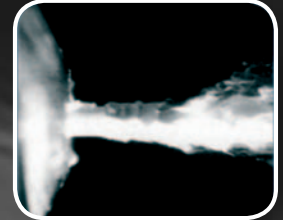
0,05 bar



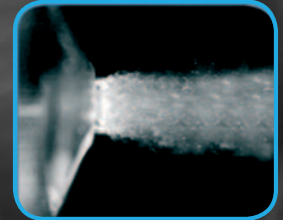
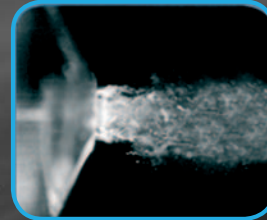
0,1 bar



0,2 bar

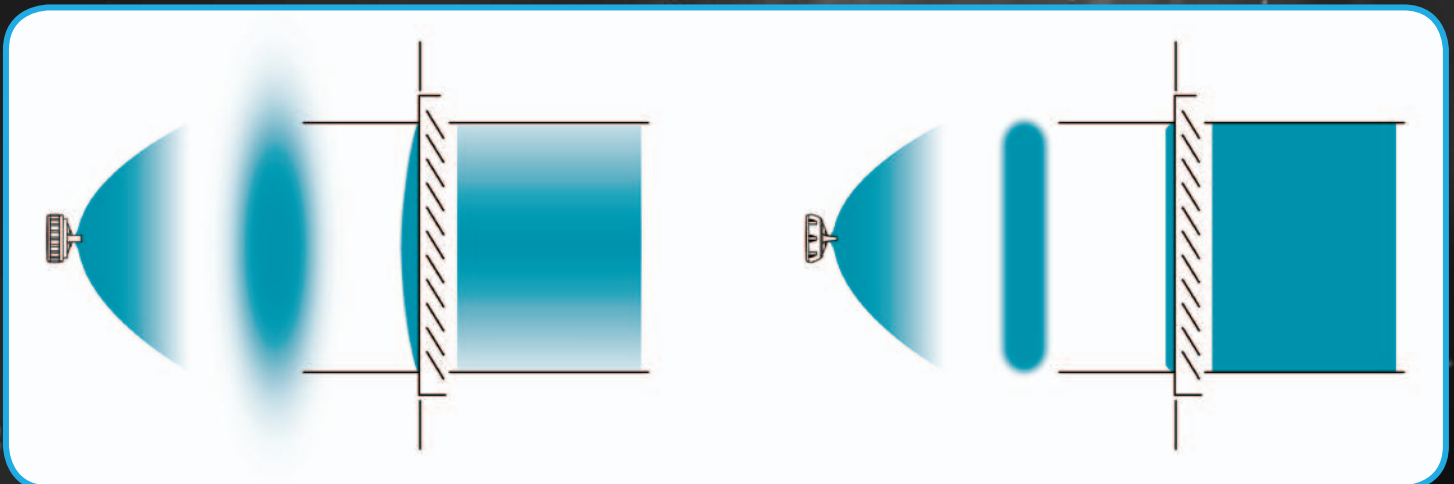


0,3 bar







Split nozzle

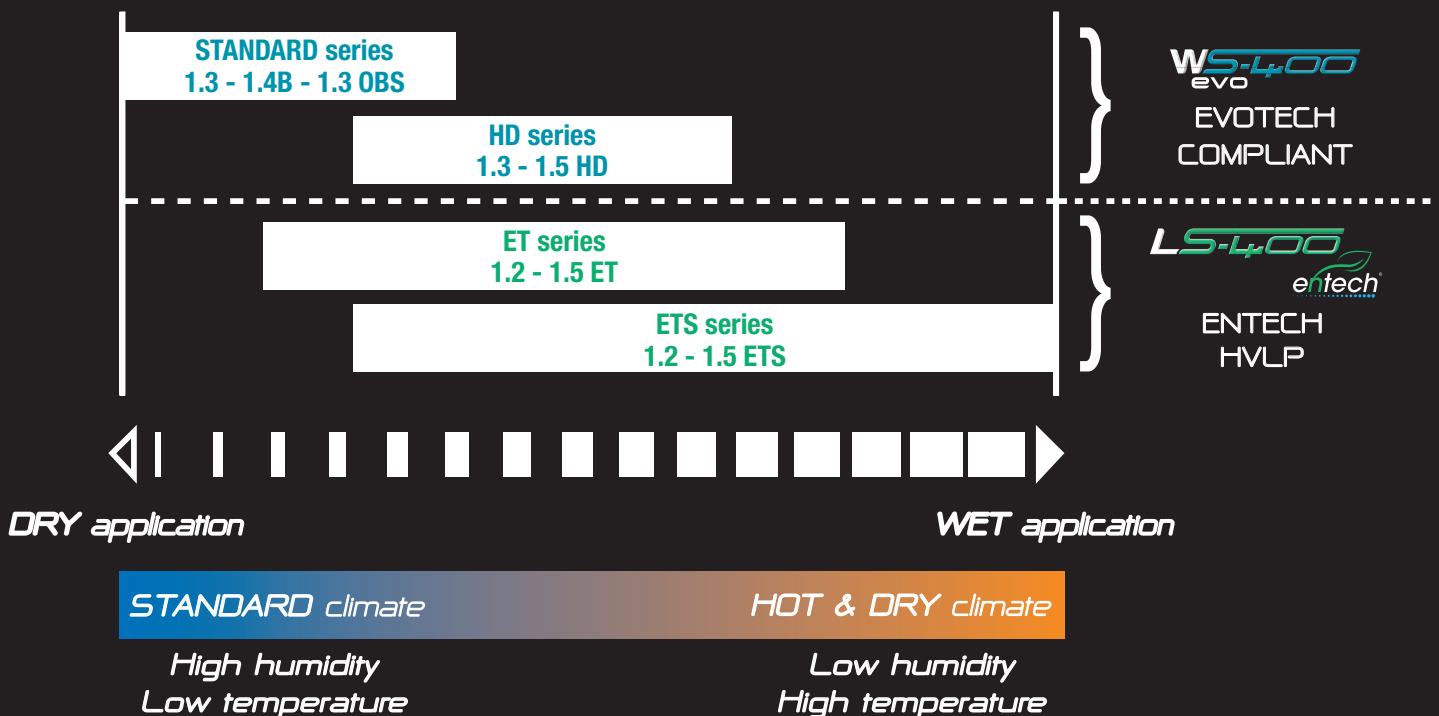
A long flat uniform spray pattern with a fine and consistent droplet size achieves an easily controlled paint overlap, this also gives you a premium quality application of all paints with its superior wet control.



ZLE atomization technology

Atomization Technology	Product	Feature	Nozzle variation
 Compliant <i>(EPA approved)</i>	 WS-400 EVO	Evotech atomizer (WS-400 evo) creates consistent amounts of extreme fine paint droplets, and lays them down consistently onto the substrate painting surface. It gives you a controlled application speed while achieving a great premium quality finish. This atomizer is EPA approved (compliant)	Standard delivery series. For standard spray application 1.3~1.4B/C, 1.3 OBS
			HD series For wetter spray application 1.3~1.5HD
 HVLP	 LS-400 ENTECH	Entech atomizer (LS-400 entech) is a new generation of HVLP atomizer's and is designed to have the maximum potential for a HVLP system with the new ANEST IWATA concept (Wet control). <ul style="list-style-type: none"> • Low paint consumption • Extremely low spray noise • Optimized nozzle with Spray distance & wetness <i>Two series of nozzle (ET & ETS)</i> • Wider working climate range (Hot & Dry climate compatible) 	ET series For standard spray application. ET 1.2~1.5
			ETS series (form 1.2~1.5) For wetter & long spray distance application ETS 1.2~1.5

Supernova series application and climate chart



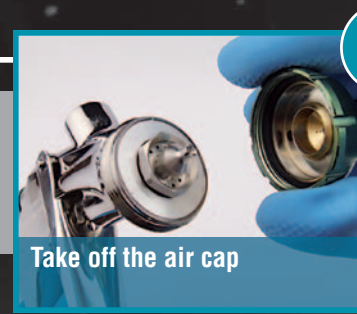
Cleaning and maintenance



1 Take out fluid adj. knob and needle spring



2 And... needle as well



3 Take off the air cap



1 Clean the material passage with a brush (art. nr. W2COM6126)



2 Clean the material with a brush (art. nr. W2COM6126)



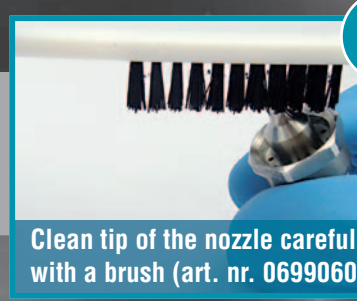
3 Clean the body surface



1 Clean small holes on the fluid nozzle with a special tiny brush (art. nr. W2COM6127)



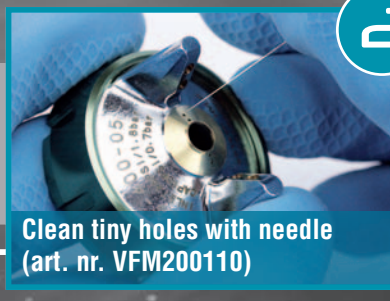
2 ... and clean nozzle orifice



3 Clean tip of the nozzle carefully with a brush (art. nr. 0699060)



1 Clean the air cap center hole (art. nr. 06990600010)



2 Clean tiny holes with needle (art. nr. VFM200110)

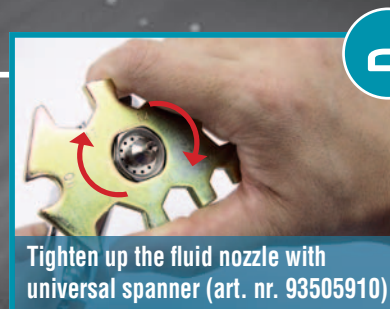


3 Clean horn holes with special tiny brush (art. nr. W2COM6127)

assembly and maintenance



1 Assemble fluid nozzle



2 Tighten up the fluid nozzle with universal spanner (art. nr. 93505910)



3 Assemble and handle at 90°



6 Grease the fluid adj. knob screw (art. nr. 93030860)



7 Needle spring



8and the needle behind the device

3



4

Unscrew fluid nozzle with universal spanner (art. nr. 93505910)

Disassembly of atomizing parts

3



4

Dry with Air blow gun

Cleaning and drying of spray gun

3



4

Clean also thread of the nozzle carefully with a brush (art. nr. 06990600)



5

Clean the fluid nozzle internally with the correct size brush (art. nr. W2COM6126)

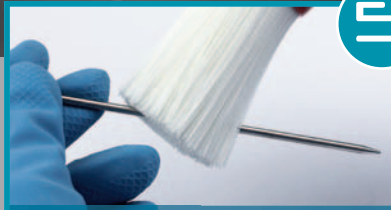
Cleaning atomizing parts

3



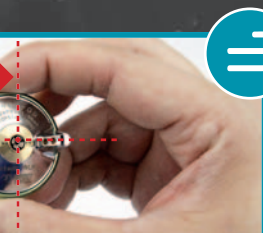
4

And the back side as well



5

Clean needle



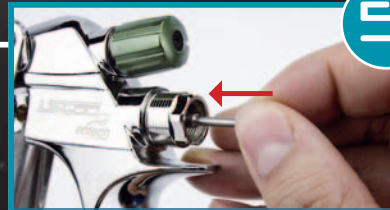
3

the air cap
tighten it



4

Grease the needle
(art. nr.93030860)



5

Insert the needle



8

the air valve bar
the trigger












9

Adjust (15-60 degree tighten)
needle packing with spanner



10

Check if trigger
and needle travel smoothly

Model	 ø mm	 bar	 Nℓ/min	 m/min	 MIN	 MAX	 MAX	 No.	 g	Type of application						
WS-400 EVO																
WS-400-1201 EVO	1.2	2.0	370	120	250	350	-	WS-400-01	695 with cup	Standard application						
WS-400-1301 EVO Base	BASE 1.3			140							260	365	-			
WS-400-1301 EVO Clear	CLEAR 1.3			170												
WS-400-1401 EVO Base	BASE 1.4			190	265	365	-									
WS-400-1401 EVO Clear	CLEAR 1.4			160												
WS-400-1301OBS EVO Base	1.3 OBS			220												
WS-400-1301HD EVO Base	1.3 HD			420	150	230	305			390	WS-400-05	475 without cup	Wetter application			
WS-400-1301HD EVO Clear	1.3 HD													235	310	400
WS-400-1401HD EVO Base	1.4 HD					240	410			425						
WS-400-1401HD EVO Clear	1.4 HD													240	320	-
WS-400-1501HD EVO Base	1.5 HD			260	275	370	-									
WS-400-1501HD EVO Clear	1.5 HD			-	-	-	-									
LS-400 ENTECH																
LS-400-1205	ET 1.2	1.8	400	150	250	350	-	LS-400-05	695 with cup	Standard application						
LS-400-1305	ET 1.3			160									260	360	-	
LS-400-1405	ET 1.4			170												
LS-400-1505	ET 1.5			180	265	365	-									
LS-400-ETS12	ETS 1.2			420						150			230	305	390	
LS-400-ETS13	ETS 1.3										235	310				410
LS-400-ETS14	ETS 1.4															
LS-400-ETS15	ETS 1.5				190	240	320				425					

Max. working pressure: 7.0 bar Temperature range: 5~40° C Air nipple: G 1/4" M Fluid nipple: G 1/4" F



ANEST IWATA

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