

# WS-400 & LS-400

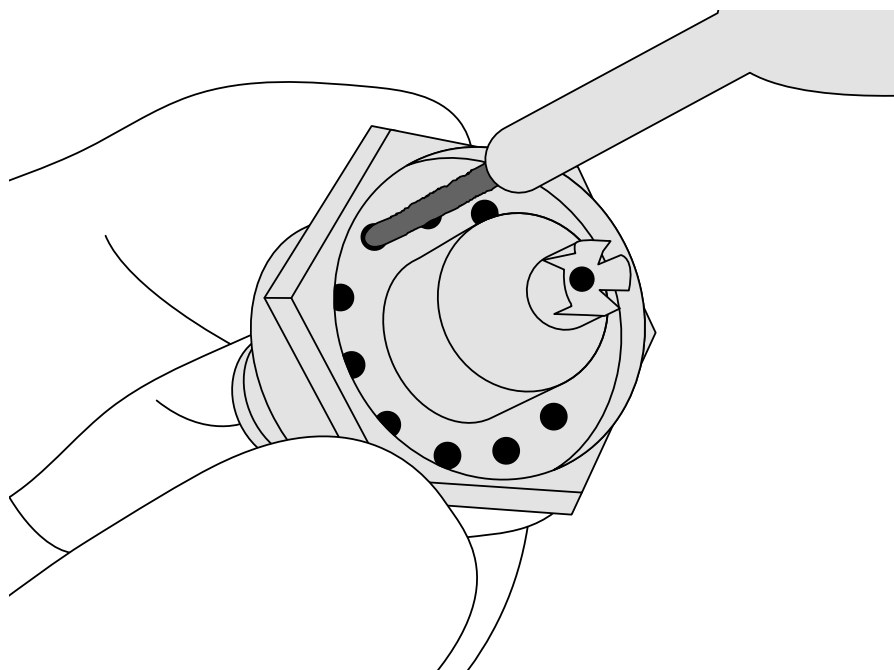
## SERIES 2.1

# MANUAL CLEANING

# PROCEDURE

GRAVITY SPRAY GUN SMART GUIDE

a good start is halfway to success.



Daily cleaning of the spray gun, performed after each use, is a crucial aspect of a painter's professionalism. This routine ensures the equipment's optimal performance and long-term durability.

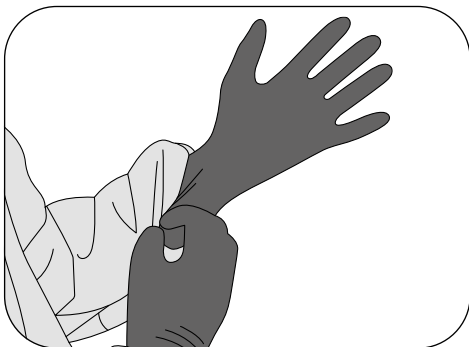
ANEST IWATA offers effective cleaning tools in its kits, featuring solvent-resistant brushes, twisted brushes, and cleaning needles suitable for all types of spray guns.

Throughout the cleaning process, prioritize safety by wearing ANEST IWATA safety glasses, masks, and gloves.

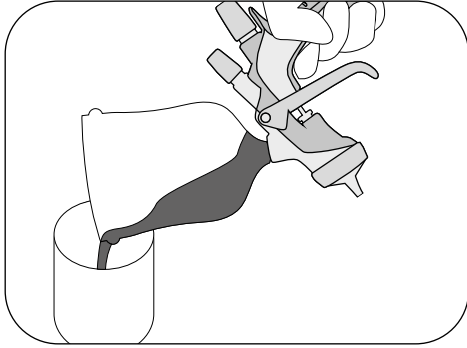
## WEAR PROTECTIVE GEARS

### IMPORTANT!

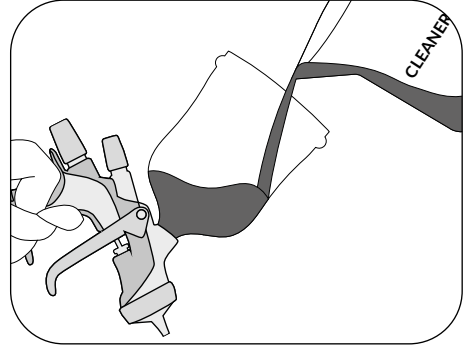
During all fases cleaning procedures, always wear proper body and respiratory protection such as: ANEST IWATA safety glasses, mask and gloves.



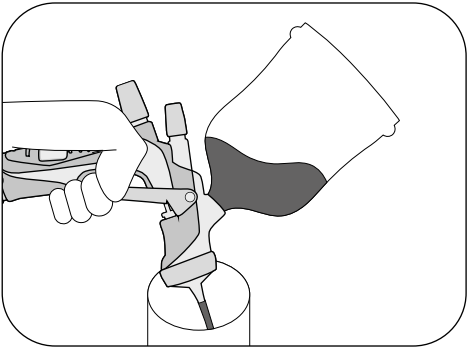
# 1 . PRELIMINARY WASHING



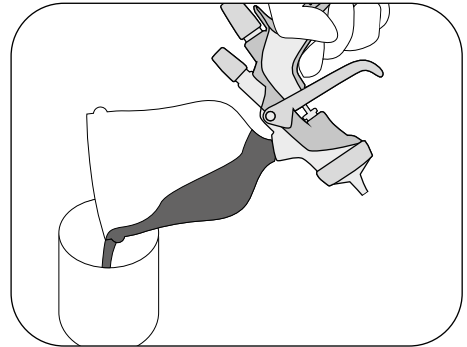
- 1** Drain remaining paint from the gravity cup into a suitable container and clean the cup with a dry cloth.



- 2** Pour the cleaner into the gravity cup, leave it to act for a few seconds and carry out a preliminary wash to remove any excess of residual paint.



- 3** Drain the dirty cleaner from the gun and from the gravity cup, into a suitable container. Repeat the procedure until the cup is perfectly clean and wipe it with dry cloth, then proceed with cleaning of all other parts.

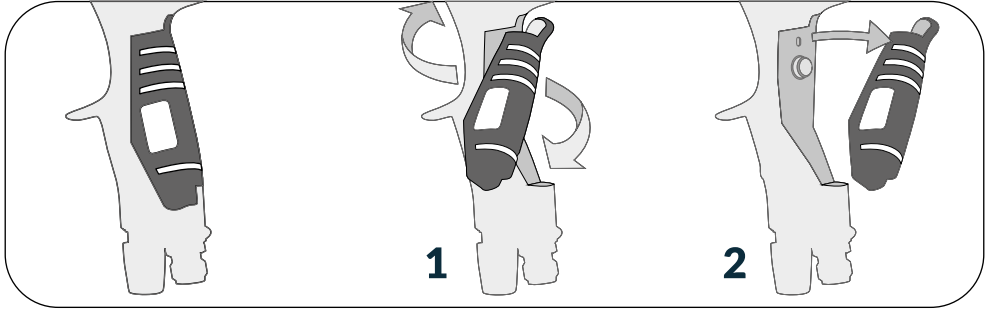


## 2 . DETACHING BEFORE CLEANING

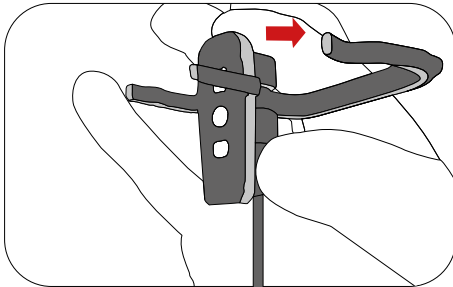
### DPG-1 DIGITAL PRESSURE GAUGE

Detach the DPG-1 - Digital Pressure Gauge - from the spray gun handle before cleaning to prevent damage. Use Air Distribution Plug to safeguard the pressure reading port from cleaner entry.

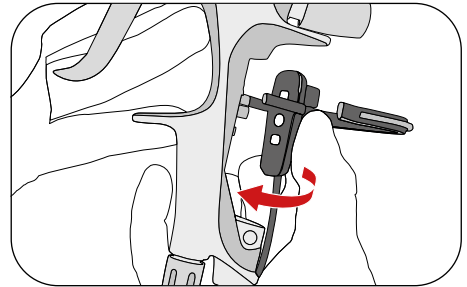
**IMPORTANT:** Make sure the spray gun is not pressurized otherwise a locking mechanism will prevent removing the DPG-1 unit.



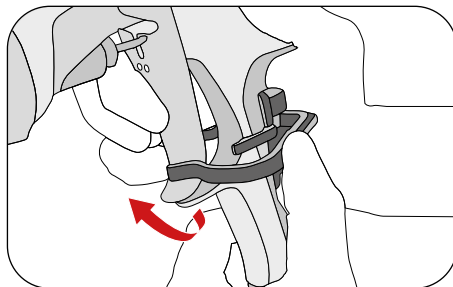
- 1** Turn the DPG-1 clockwise about 30 degrees to disengage the Flip-Mag locking system.
- 2** Remove the DPG-1 unit backwards.



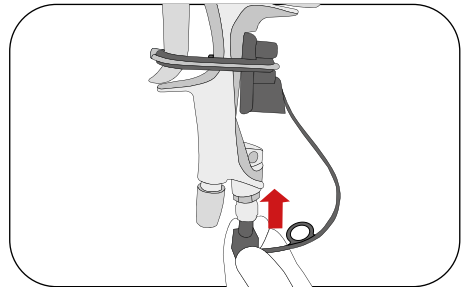
- 3** Open the trigger lock lever of the Air Distribution Plug.



- 4** Align the pressure reading port pin with the clip housing hole until fully engaged.



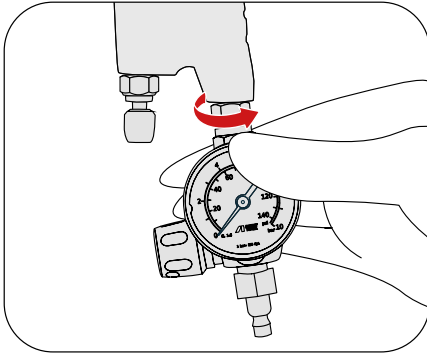
- 5** Pull the trigger to enable the Air Distribution Plug to securely engage around it.



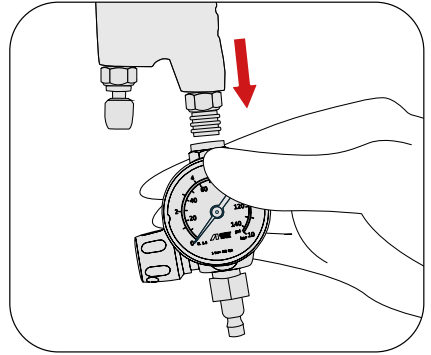
- 6** After confirming the connection with the characteristic 'click', proceed to insert the plug into the air nipple of the spray gun, ensuring that the coupling is secure.

## CONVENTIONAL PRESSURE GAUGE

The conventional pressure gauge must always be detached from the gun handle before cleaning to prevent permanent damage.

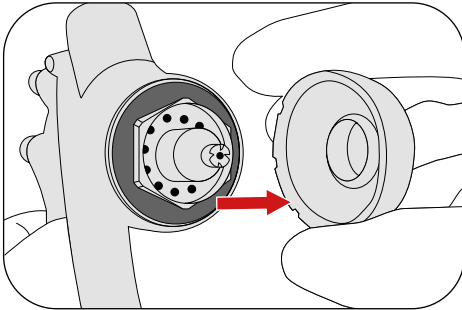


- 1** Unscrew the conventional pressure gauge connecting nut counterclockwise.

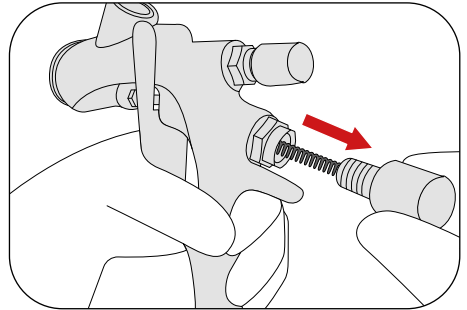


- 2** Detach the conventional pressure gauge from the spray gun body by moving it downward.

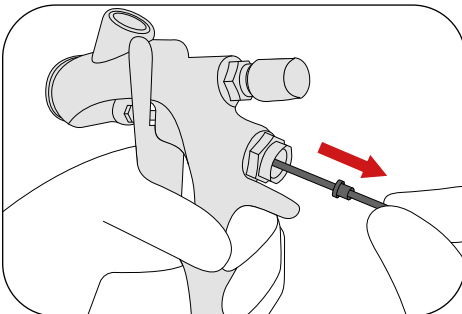
## 3. DISSASSEMBLING OF ATOMIZING PARTS



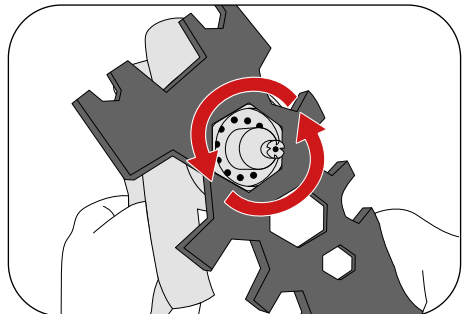
- 1** Remove the air cap.



- 2** Unscrew the fluid adjustment knob by hand and take it off together with the spring.

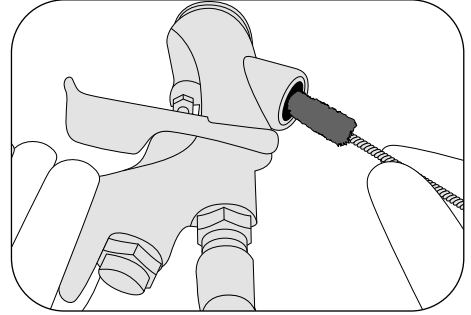
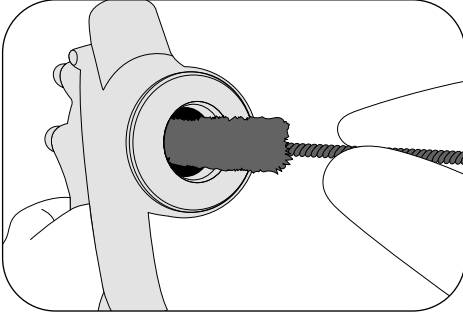


- 3** Pull out the fluid needle.

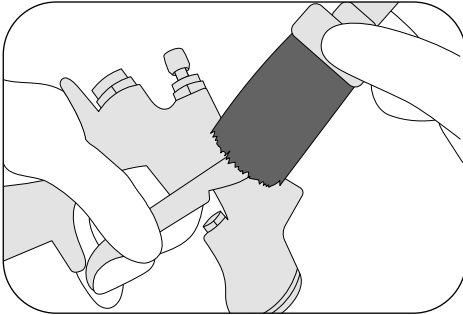


- 4** Remove the fluid nozzle by using the included Spanner.

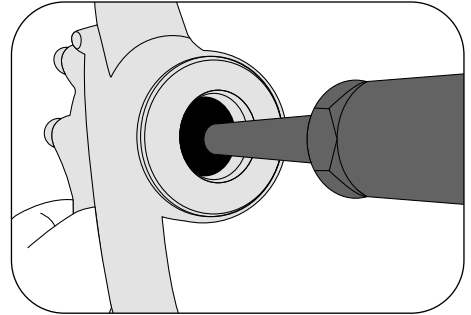
## 4. GUN BODY CLEANING PROCEDURE



- 1** Clean the fluid ports by using the Twisted Brush ( $\varnothing$  15 mm)

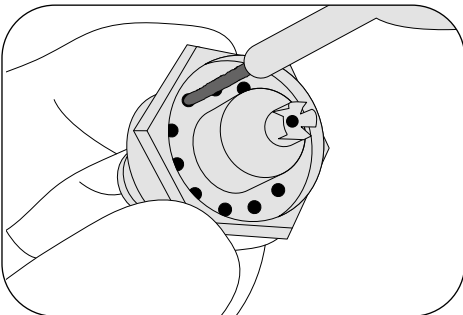


- 2** Clean the body surface.

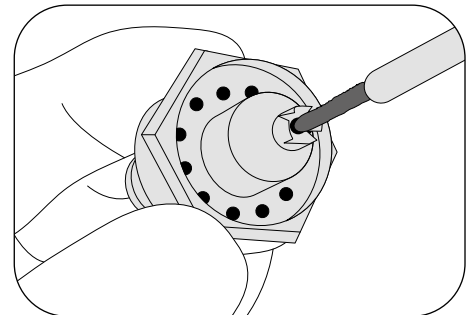


- 3** Blow dry the spray gun body.

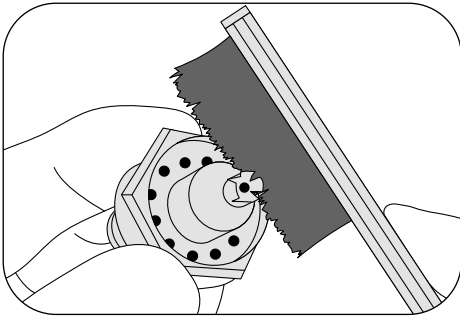
## 5. CLEANING OF THE ATOMIZING PARTS



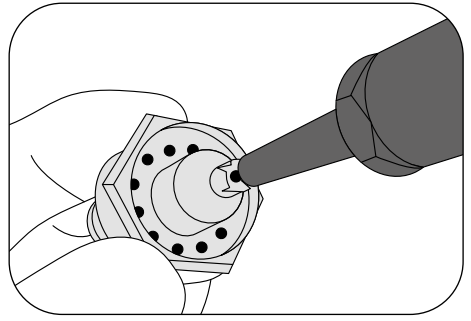
- 1** Clean the lateral holes in the nozzle by using the Tiny Twisted Brush ( $\varnothing$  3 mm).



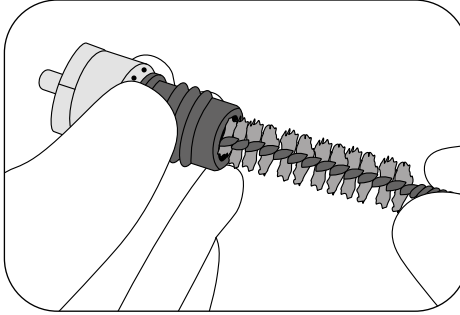
- 2** Clean the central hole of the nozzle using the Tiny Twisted Brush ( $\varnothing$  3 mm).



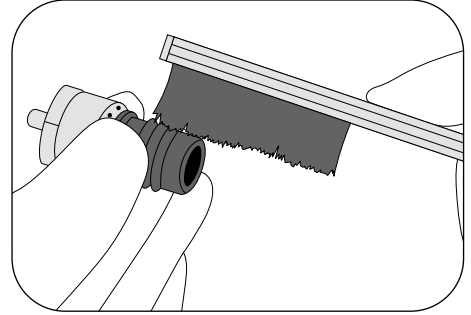
- 3** Clean carefully the slits of the nozzle and the thread by using the flat brush in bamboo.



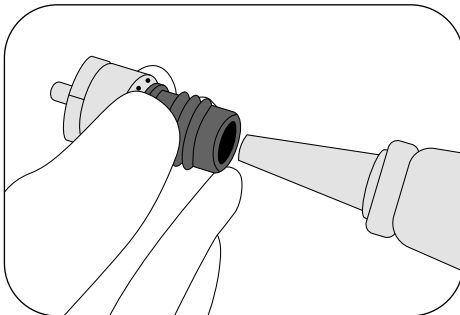
- 4** Dry the slits of the nozzle by the Blowing Gun AG-6.



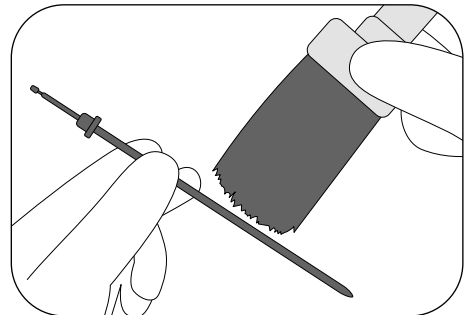
- 5** Clean the rear fluid nozzle inside, by using the Big Twisted Brush ( $\varnothing$  10 mm).



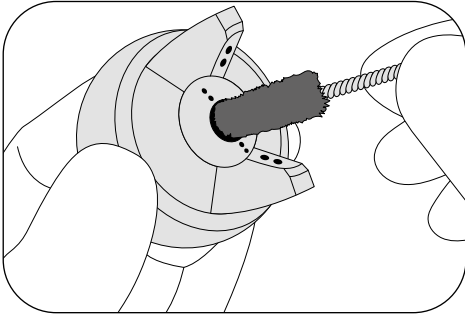
- 6** Clean the threads of the fluid nozzle by using the Brush in Bamboo.



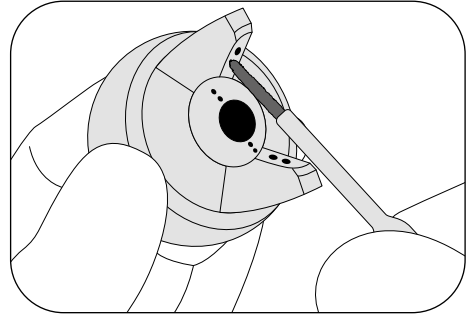
- 7** Dry the inside and the threads of the nozzle by the Blowing Gun AG-6.



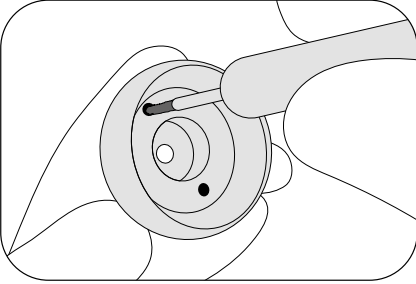
- 8** Clean the fluid needle by using a big brush.



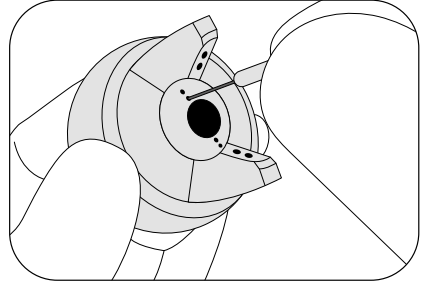
- 9** Clean the central hole of the air cap by the Twisted Brush ( $\varnothing$  5 mm)



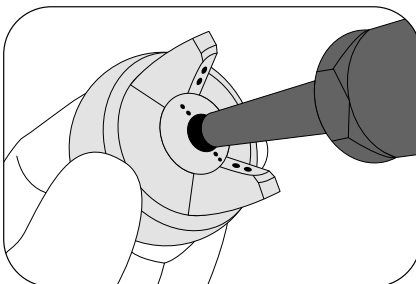
- 10** Clean the horn holes with special Tiny Twisted Brush ( $\varnothing$  3 mm)



- 11** Furthermore clean the horn holes from the inner side and blow dry the whole air cap once finished.



- 12** Clean the tiny holes right next to the central hole of the air cap using a cleaning needle.



- 13** Blow dry the tiny holes right next to the central hole of the air cap.



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