

iwata

by ANEST IWATA

Airbrush Cleaning Kit

*Illustrated step-by-step instructions to clean
and maintain your airbrush*

Have a great airbrush experience every time you spray by cleaning your airbrush regularly and before paint dries.

At times you may need to thoroughly clean your airbrush. Usually a quick flush will do (step 1). If you're ending a paint session do steps 1 and 2. Proceed with the instructions (steps 3-8) if your airbrush is clogged, spraying unevenly or to prevent paint build-up.

For more cleaning information and products visit:
www.iwata-medea.com/cleaning

1

PAINT FLUSH - DO BETWEEN COLOR CHANGES AND AT THE END OF A PAINT SESSION

For Gravity-Feed Airbrushes:

1a. Remove cup lid (if present) and dump out excess paint from color cup.



1b. Wipe out cup (and wipe lid if paint is present) with the Artool Studio Wipes.



1c. Spray Medea Airbrush Cleaner or water (depending on your media) through the airbrush until it sprays clear. Spray into an overspray pot or paper towel.



For Bottom-Feed Airbrushes:

1a. Remove paint bottle from bottom of airbrush.



1b. Fill a clean bottle (not included) with Medea Airbrush Cleaner or water (depending on your media) and attach it to the airbrush.



1c. Spray the cleaner or water through the airbrush until it sprays clear. Spray into an overspray pot or paper towel.

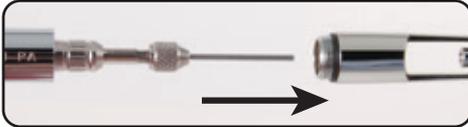


For a quick paint flush use the Medea Airbrush Cleaner With 360 Nozzle (not included).

Continue airbrushing with a new color. If ending an airbrush session, move on to step 2.

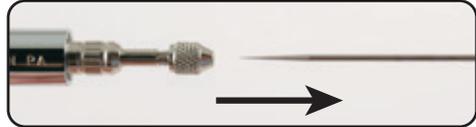
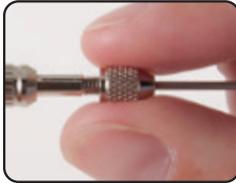
2 REMOVE AND CLEAN THE NEEDLE

Disconnect the airbrush from the air source.



2a. Unscrew and remove the back handle. Place your handle on a safe surface such as the Iwata Airbrush Cleaning Mat with its raised ridge which keeps parts from rolling away.

2b. Loosen the needle chucking nut by hand.



2c. Pull the needle out. *Needles are extremely sharp and delicate. Be careful not to drop or damage your needle while cleaning.*

2d. Clean the needle with the Artool Studio Wipes by wiping only towards the sharp needle point. *Only wipe the needle in a back to front direction so as not to puncture yourself.*



If your airbrush is clogged, spraying unevenly or to prevent paint build-up:

Leave the airbrush disassembled. Place the needle on a safe surface like the Iwata Airbrush Cleaning Mat and continue on to steps 3-8.

If you are ending an airbrush session:

Gently push the needle back into place. The needle is fully seated when it comes to a complete stop. Tighten the needle chucking nut. Reassemble the airbrush and connect your air source. To make sure your needle is fully seated, fill the color cup or a bottle with water and push the trigger down only to test for air. If water sprays out your needle is not fully seated. Water should only spray when you pull the trigger back (turn the fluid adjustment knob if single-action airbrush). Tighten the needle chucking nut if no water sprays. If not working properly, check assembly and go through all of the cleaning instructions.

3 CLEAN THE PAINT PASSAGES

For Gravity-Feed Airbrushes:

3a. Dip an extra small cleaning brush into a small cup of Medea Airbrush Cleaner.

3b. Push cleaning brush down into the color cup paint passage towards the front of the airbrush. Scrub back and forth, twisting in and out. Repeat until there is no paint debris on the bristles of the brush.



3c. Dip an Iwata Pipe Cleaner into a small cup of Medea Airbrush Cleaner.

3d. Push pipe cleaner down into color cup, deep toward front of the airbrush. Mop out the passageway until there is no more paint debris on the pipe cleaner.



For Bottom-Feed Airbrushes:

3a. Dip an extra small cleaning brush into a small cup of Medea Airbrush Cleaner.

3b. Push cleaning brush up into the bottle joint towards the front of the airbrush. Scrub back and forth, twisting in and out. Repeat until there is no paint debris on the bristles of the brush.



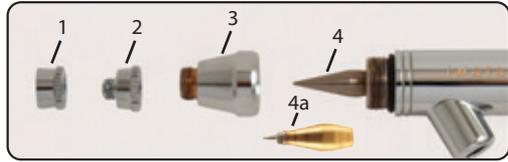
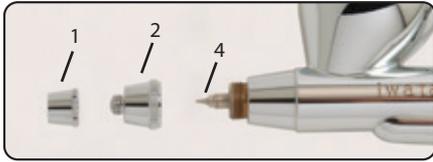
3c. Dip an Iwata Pipe Cleaner into a small cup of Medea Airbrush Cleaner.

3d. Push pipe cleaner up into bottle joint, deep toward the front of the airbrush. Mop out the passageway until there is no more paint debris on the pipe cleaner.



4 REMOVE AND CLEAN THE NOZZLE

To reveal the nozzle (4 and 4a), unscrew the needle cap (1) and nozzle cap (2) by hand. For the Iwata Eclipse airbrushes, remove the nozzle head cap (3) with the head cap wrench (included with the airbrush).



For airbrushes with a screw-in nozzle:

4a. Place the Iwata Nozzle Wrench* over the flat sides of the screw-in nozzle base and turn left to unscrew.



*The Iwata Nozzle Wrench fits all Iwata and NEO airbrushes excluding the Iwata Eclipse Series and the NEO TRN2 Side-Feed Trigger Airbrush.

4b. To loosen paint, soak your nozzle, needle cap and nozzle cap in Medea Airbrush Cleaner. **NEVER** soak your entire airbrush.



4c. Using an extra small cleaning brush dipped in Medea Airbrush Cleaner, scrub your nozzle, needle cap and nozzle cap.



For Iwata Eclipse airbrushes (floating nozzle):

4a. The nozzle is compression fit into the airbrush body. To remove, press against body of nozzle at an angle. Check inside the nozzle head cap if nozzle appears to be missing. Use the blunt end of the needle to get it out.

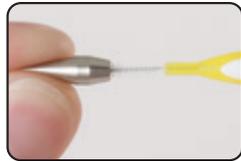


DO NOT USE the Iwata Nozzle Wrench on Eclipse nozzles. The Eclipse BS, SBS and CS nozzle is a set and should NEVER be separated (4a).

4b. To loosen paint, soak your nozzle, nozzle head cap, needle cap and nozzle cap in Medea Airbrush Cleaner. **NEVER** soak your entire airbrush.



4c. Using an extra small cleaning brush dipped in Medea Airbrush Cleaner, scrub your nozzle, nozzle head cap, needle cap and nozzle cap.



5 CHECK PARTS AND PASSAGES FOR DAMAGE AND PAINT DEBRIS

The Iwata LED Magnifier has 2 levels of magnification plus white and blue LED lights. Use it to:



1. Look at your nozzle for cracks or dents or to check for distortion.



2. See if you have a bent needle.



3. Check for paint debris inside airbrush paint passages.

If parts are damaged you will need to reorder that specific part. Contact your Iwata retailer to order. If you are airbrushing often, you may want to have an extra needle and nozzle as these parts can be damaged easily.

6 CLEAN THE OUTSIDE OF YOUR AIRBRUSH

Clean the outside of your airbrush with the Artool Studio Wipes.

Artool Studio Wipes not only clean your airbrush, they can also clean all of your artistic tools and surfaces.



7 REASSEMBLE AND LUBRICATE THE AIRBRUSH

For airbrushes with a screw-in nozzle:

7a. Screw the nozzle back onto the airbrush with the Iwata Nozzle Wrench. **Make sure nozzle is snug. Do not over tighten.** Hand tighten the nozzle cap and needle cap.



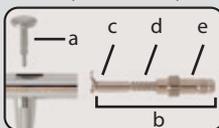
For Iwata Eclipse airbrushes:

7a. Place nozzle into airbrush head base. Screw on nozzle head cap and gently tighten with head cap wrench*. Hand tighten nozzle cap and needle cap.



*The nozzle head cap compresses nozzle to airbrush. **Make sure nozzle head cap is snug. Do not over tighten.**

OPTIONAL O-RING LUBRICATION: If your trigger or needle is not moving easily or feels "sticky" you may need a small drop of Medea Super Lube. *Super Lube is not necessary every time you clean your airbrush.*



OPTIONAL Piston Packing O-Ring

(Trigger) Lubrication:

1. Remove the trigger (a) by unscrewing by hand the needle chucking mechanism (b) comprising a needle chucking guide (c), needle spring (d) and spring guide (e).



2. Put a tiny drop of Super Lube on the blunt end of the needle. Insert blunt end through the trigger opening and into the piston packing hole. Move needle up and down and in a circular motion to lubricate the o-ring.

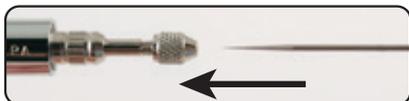


3. Reassemble by putting the trigger in first. **Make sure the opening on the trigger stem is facing front to back in the airbrush body.** Then screw on the needle chucking mechanism - auxiliary lever up.



OPTIONAL PTFE O-Ring (Needle) Lubrication:

Put a tiny drop of Super Lube where the taper of the needle starts. **Use sparingly.**



7b. Gently re-insert the needle so as not to damage the sharp tip. The needle is fully seated when it comes to a complete stop. **Do not use excessive force.**



7c. Tighten the needle chucking nut by hand to hold needle in place. Do not over tighten.



7d. Screw the handle back on to the airbrush.

8 TEST YOUR AIRBRUSH

Once reassembled, connect your air source, fill the color cup or a bottle with water and push the trigger down only to test for air. If water sprays out your needle is not fully seated. Water should only spray when you pull the trigger back (turn the fluid adjustment knob if single-action airbrush). Tighten the needle chucking nut if no water sprays. If not working properly, check assembly and go through all of the cleaning instructions.



Artool Studio Wipes
Tubs and Packs



Iwata Airbrush Cleaning
Mat With Raised Ridge



Medea
Airbrush Cleaner
With 360 Nozzle



Iwata Airbrush
Cleaning Kit
Refill Pack



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For More Information

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