

## HOW TO PRESERVE THE AIRBRUSH



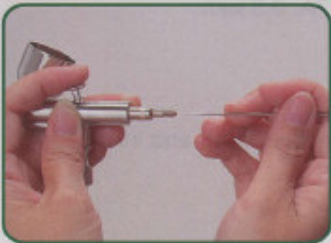
- 1 Clean out the color remaining in cup, pour water and then wash off well by a brush. Again pour water and press Push-Button to spray water.

- 2 Pour water into cup and press Push-Button to flow water upstream. Repeat as many times as the color dose not emerge in the upstream water



- 3 Color may often stick to the inside of Needle Cap and/or tip of Needle and Nozzle when an airbrush has been used for a long time. Wash off by a brush carefully not to damage Needle Tip.

- 4 In order to clean Needle, remove Tail Cap, loosen Needle Stop Screw, pull out Needle and wipe it with tissue paper or cloth



- 5 When setting Needle, place a finger on it, press Push-Button and insert carefully not to damage Needle Tip. Apply industrial alcohol or remover liquid when it is not easy to remove dirt by color ink, acrylic color, etc.



## HOW TO HOLD AIRBRUSH

- A Put the index finger on Push-Button and place the thumb on body while holding the connected part of Air Hose by the remaining three fingers and palm.
- B Put the thumb on Push-Button and place the index finger on body, while holding the connected part of Air Hose by the remaining three fingers and palm.

## CAUTIONS

- The greatest care is needed to operate Airbrush Hand Piece, because of a very precision instrument, especially the three points of Nozzle, Nozzle Cap and Needle Tip which are the most delicate and precision parts.
- A special attention should be drawn not to let go of the finger suddenly out of Push-Button when drawing it hard, since Nozzle may often be transformed or damaged by its shock.
- Clean Airbrush Hand Piece right after using before color hardens.

# MODEL AB122A~AB129A INSTRUCTIONS

## TO OPERATE

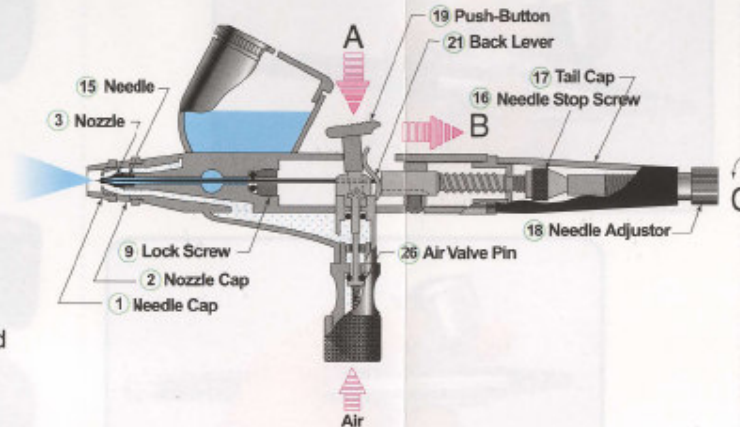
Push-Button slightly or hard then a small amount of air emerges out of nozzle gently.

When pressing Push-Button, draw it backward fully for color atomization. Air brush gives fine spray to broad area in accordance with degree of pressing and drawing push button all as the distance between air brush and a surface.

By adjusting the needle adjuster, can set the width of the spray as desired. For broader pattern, turn in counter clockwise direction.

Coloring is achieved by removing the needle cap and nozzle cap and adjusting the air pressure.

## AIRBRUSH MECHANISM



## DETAILS



### PARTS NAME

1 Needle Cap	13 Needle Spring	25 Air Valve Pin O-Ring
2 Nozzle Cap	14 Spring Stop	26 Air Valve Pin
3 Nozzle	15 Needle	27 Air Valve Spring
4 Spray Nozzle Assembly	16 Needle Stop Screw	28 Valve Down Pin Guide
5 Piston O-Ring	17 Tail Cap	29 Air Tube Nut
6 Teflon	18 Needle Adjustor	30 Air Tube Clasp O-Ring
7 Body	19 Push-Button	31 Air Tube Clasp
8 Needle Teflon	20 Piston	32 Cup Lid
9 Lock Screw	21 Back Lever	33 Color Cup
10 Fixed Nut	22 Piston O-Ring	34 Nut For Color Cap
11 Body Screw	23 Air Valve Casing O-Ring	35 Packing For Color Cap
12 Needle Chuck	24 Air Valve Casing	36 Wrench

## THE MOST COMMON PROBLEMS

- A. Bubbles appear in cup.
- B. Spray is abnormally wide or double pattern.
- C. Color spreads like blots.

### CAUSES AND SOLUTIONS

#### A. PROBLEM:

1. Nozzle is blocked, or split, or transformed.
2. Needle is not fitted to nozzle cap and needle cap.
3. Check nozzle by a magnifier and replace it as something is unusual.

#### B. PROBLEM:

1. Solid pigment jammed in nozzle or stuck to needle tip, or needle tip bent.
2. Replace needle as bent, and also replace nozzle because of often damaged by bent needle.

#### C. PROBLEM:

1. Nozzle tip too close to work surface, or Push-Button drawn too much.
2. Keep Nozzle tip away, or press fully Push-Button and draw it slightly.

## SPECIFICATIONS:

Double Action Airbrush:  
 AB122A/123A/128A/129A: 0.2 mm  
 AB124A/125A/126A/127A: 0.3 mm

## COLORS APPLIED:

Water color, acrylics, gouaches, dyes and inks.