

“GREAT ART PICKS UP WHERE NATURE ENDS.” – MARC CHAGALL

**HYATT'S**  
All Things Creative™

# AIRBRUSH GUIDE

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IWATA DELUXE KIT

## Airbrushes

Ever since they were introduced during the 1890's, airbrushes have been indispensable for spraying almost any fluid color on a variety of surfaces while giving infinite control. Airbrushes were originally used strictly for retouching photographs by adding color to black and white images. Today airbrushes are used for model making, illustration, vehicle graphics, nails, clothing, tanning and even make-up!

## Internal vs. External

Internal mix indicates that air and paint mix inside the airbrush producing a thoroughly atomized fine dot spray pattern. External mix indicates that paint and air mix outside the airbrush producing a larger, coarser spray pattern. An advantage of external mix airbrushes is that they are simpler to maintain and clean.

## Double Action

“Double” or “Dual Action” refers to airbrushes on which the trigger controls both air and color: Down for air, back for color. This style allows for varying line widths while spraying.

## Single Action

“Single Action” airbrushes refer to airbrushes on which the trigger controls only the air flow. The amount of fluid is regulated by turning the needle adjustment screw. When the trigger is depressed, a pre-set amount of fluid is sprayed.

## Gravity Feed

Gravity feed refers to brushes with top mounted color cups in which gravity draws paint into the brush. Less air pressure - as low as 8-16 psi - is required to operate this type of airbrush. Gravity feed cup models are popular with artists that change colors constantly as paint can be fed a few drops at a time and then changed when needed without bottle changes.

## Bottom Feed

Bottom feed refers to brushes on which paint enters the airbrush through a siphon tube or color cup attached to the bottom of the airbrush. This type of airbrush requires at least 20-30 psi to operate properly. Bottom feed airbrushes are an advantage for artists that use certain colors over and over which can be held in bottles that are simply switched out to change color.

## Side Feed

Side feed refers to airbrushes on which a small cup fits into the side of the airbrush. Side feed allow a clear view of the working surface and need at least 20 psi to operate properly.

## Needle & Tip Sizes

Airbrushes are available in varying needle or nozzle configurations to accommodate a broad range of sprayable materials.

### Fine

Best suited to spray thinner materials such as watercolors, inks, dyes, food coloring and gouache.

### Medium

The most popular choice; will spray airbrush ready paints and other properly reduced acrylics.

### Heavy

Ideal for heavily pigmented and/or high viscosity materials such as enamels, lacquers, reduced glazes, gesso and varnishes.

## Thinning Your Colors

All manufacturers recommend thinning colors to the consistency of 2% milk. Colors should be strained thru mesh such as cheese cloth or layers of panty hose.

## Maintenance

Airbrushes do require maintenance. Regular cleaning and periodic replacement of needles and tips will keep your airbrush running in peak condition. Hyatt's carries a full array of parts for all the brands we sell and we can order many others.

We also offer a cleaning and repair service as well as the ability to send airbrushes back to the manufacturer for major maintenance.

## Only The Best Brands!

Hyatt's carries the top three airbrush lines in the world: Iwata, Paasche & Badger.

**paasche**

**BADGER**

**iwata**  
**MEDEA**

## Paasche

Started in Chicago in 1904, Paasche continues to be the largest American made line of airbrushes available. As a maker of brushes from the simple H model to the AB Turbo, Paasche airbrushes are known for ease of use, versatility and easy maintenance.

The most popular models from Paasche are the H, VL and Millennium.



PAASCHE MODEL H

## Paasche (Continued)

The H model is a single-action with external mix and is the lowest cost airbrush we carry. Great for beginners. Sturdy and flexible. Easy to clean and ultra reliable. Comes in 3 sizes: 1, 3 and 5.



**PAASCHE MODEL VL**



**PAASCHE MILLENIUM**

The Model VL is unmatched in its versatility. Double-action with internal mix, it is used by more artists than any other brush. This model can achieve fine detail to broad coverage. Available in 3 sizes: 1, 3, and 5. Comes with cup and bottle as well as all 3 needles, nozzles and hose.

The Millennium is the newest double-action internal mix design. Features a thinner barrel grip and a cut away handle that allows quick pull back of needle to blow out clogs. Same tips and needles as the VL.

## Iwata

Established in the late 1970's, Iwata still makes what are rated to be the best airbrushes in the world. Ranging from under \$100 to almost \$900, Iwata offers a wide range of brushes from student to the most exacting professional.



**IWATA HIGH PERFORMANCE PLUS HP-C**



**IWATA ECLIPSE HP-BCS**

**IWATA ECLIPSE HP-CS**



The most popular series we sell is the Eclipse BCS. It is a bottom feed model with a precise 0.5 nozzle/needle at an affordable price.

Hyatt's also carries the Eclipse CS, a gravity feed cup model very popular with auto and body art artists. The cup holds 1/3 of an ounce. This brush is great for heavier fluids due to its gravity feed.

The highest quality Iwata brush we carry is the High Performance HP-C Plus. This cup model holds 1/3 of an ounce and has a 0.3mm nozzle/needle. This airbrush does it all - from fine hairlines to finely atomized background spray. Short paint passage makes this the easiest brush to clean. Built to last a lifetime!



**BADGER ANTHEM 155 (Top)**  
**BADGER MODEL 250 (Bottom)**

## Badger

Badger airbrush has been around for over 40 years and has produced American made work horse airbrushes along with a complete line of paints and accessories.

The Badger Anthem airbrush is the most comfortable, reliable and cost effective airbrush Badger makes. Two angle needle tip mates precisely with Anthem's cone shaped nozzle enabling the brush to spray virtually any material. Open handle design allows needle movement for easy cleaning and keeps the brush precisely balanced. Pencil thin lines to 3" wide spray. Lifetime warranty on factory labor.

The Badger 250 is perfect for modeling, school projects, workshop jobs, and glazing. Spray pattern can be adjusted from 3/4" to 2". Made to work with air cans but will fit a compressor with an optional adaptor.



**CLOCKWISE FROM TOP LEFT:**  
**POWER JET LITE, SMART JET**  
**& POWER JET PRO**

## Compressors

Medea makes a great range of airbrush compressors. All Iwata-Medea compressors are perfectly matched to the needs of airbrush artists from smaller single models to the largest dual brush compressor, the Power Jet.

The Smart Jet features Smart Jet technology which turns off compressor automatically when not in use, keeping your workplace as quiet as possible.

The Power Jet Pro is made for extended use by up to 2 users. Powerful 1/6 hp. motor and storage tank reduces run time and noise while allowing a range of pressures from 1-70 psi.

Economically priced, the Power Jet Lite doesn't have a tank reservoir, yet delivers all the power needed! Powerful 1/6 hp. motor, allowing a range of pressures from 1-70 psi.

## Airbrush Colors

We carry a full line of over 150 colors airbrush paints from Createx, AutoAir and Badger. Ask for a color chart to see the hundreds of colors available.