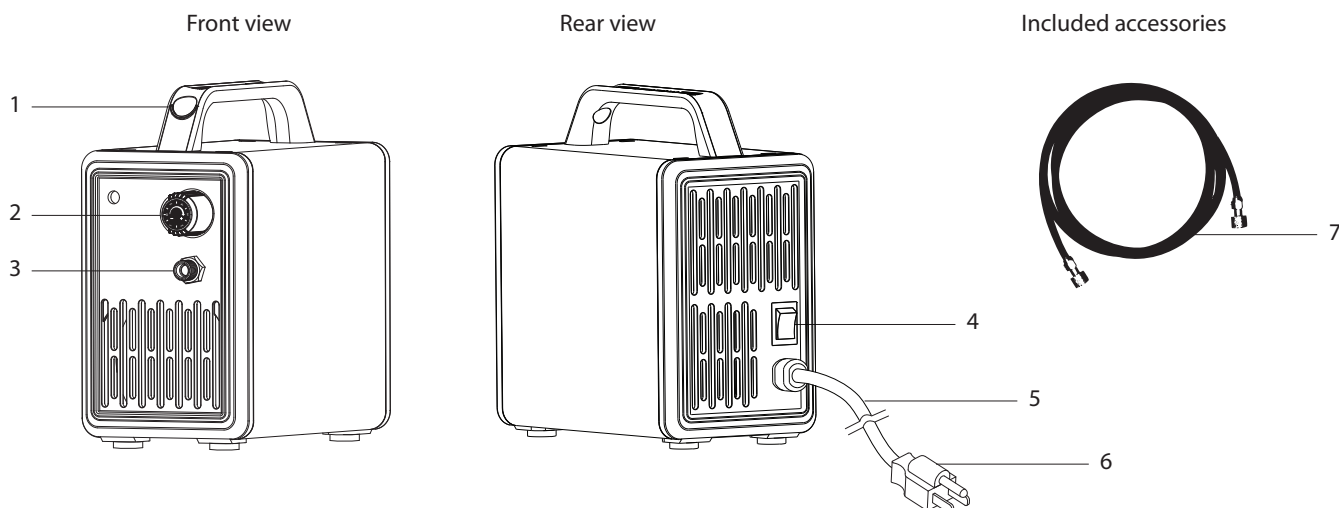


This manual contains important information on product safety, set-up, operation, and maintenance. For optimum performance and safety, read this manual carefully before using this product. Please keep this manual in a safe place for future reference.

IMPORTANT SAFETY INFORMATION

- **Before connecting the compressor to a power outlet, check if the voltage indicated on the compressor corresponds to the mains voltage (100-120 V or 220-240 V). Using the compressor with the wrong mains voltage could damage the unit, and could cause an electrical fire.**
- When using electrical appliances, basic precautions should always be followed to reduce the risk of damage, fire, electric shock, personal injury or property damage.
- Do not overload wall outlets, extension cords, or power strips beyond their capacity. This could cause a circuit breaker trip, insufficient voltage supply, or an electrical fire.
- To avoid electric shock, never operate the compressor outdoors when raining, or in wet conditions.
- Always place the compressor on a flat and stable surface.
- Always remain in attendance when the compressor is in operation.
- Never place objects against, or on top of, the compressor. Operate the compressor in an open area without any obstructions that would restrict the flow of fresh air into the compressor.
- Exceeding the pressure rating of pneumatic tools, such as airbrushes, spray guns, or air operated devices, could damage the tool and could also cause serious personal injury. Never exceed the maximum allowable pressure rating recommended by your pneumatic tool's manufacturer.
- Do not insert any foreign objects into the openings of the compressor.
- Do not disassemble the compressor or attempt to modify the compressor in any way.

Product Overview



Parts List			
1	Handle & Airbrush holder	9	
2	Pressure adjustment knob	10	
3	Outlet	11	
4	On/Off Switch	12	
5	Power cable	13	
6	Plug*	14	
7	Braided air hose	15	
8		16	

* illustration of plug is for reference only. Plug adaptor may vary depending on your region.

Specifications

Model: #1M

Air flow: 12 -14 l/min (0.42 - 0.49 cfm) at open flow *

Preset max pressure: 3.1 bar (45 psi)

Dimensions: L17.5 x W9 x H17.2cm (6.9" x 3.5" x 6.8")

Weight: 2.5 kg (5.5lbs)

Household Use Only

* Air flow range indicated shows average values over different voltages and frequencies. There will be tolerance for each unit and current fluctuation also affects actual airflow performance.

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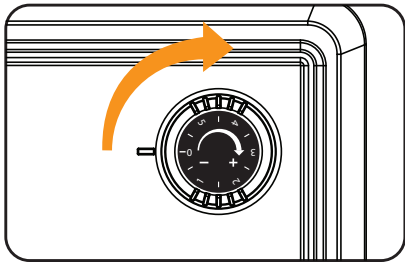
User's Manual

Product Set Up

1. First use: Carefully unpack the unit, verify that all parts listed in the "Parts List" are present, and visually inspect for damage. If there are any signs of damage or if any parts are missing, do not use the product. Contact your retailer or supplier immediately.
2. Place the compressor in a clean, dry, and well-ventilated area that has adequate air circulation.
3. Screw one end of the braided air hose onto the compressor's Air Outlet located below the pressure adjustment knob, and the other end of the hose to the airbrush.

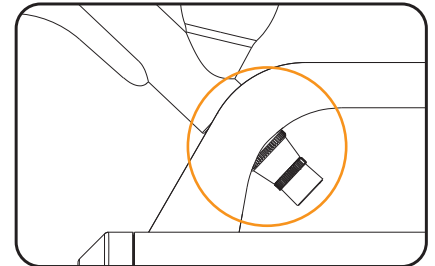
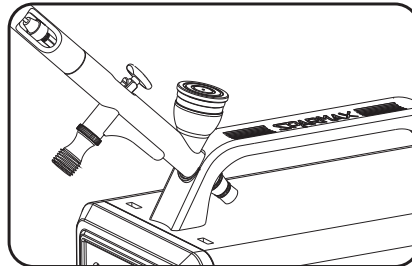
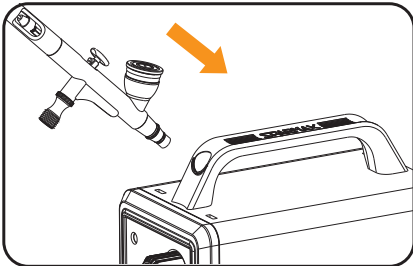
Product Operation

1. Insert the plug into a working power outlet. Turn the compressor on by pressing the On/Off Switch.
2. To adjust air pressure, turn the pressure adjustment knob clockwise to increase air pressure, or counter-clockwise to decrease air pressure.



3. When the airbrush is not in use, it may be placed into the Airbrush Holder.

NOTE: Please make sure the airbrush stays in the holder like the picture below.



4. When using the holder, please be sure to rest the front of the airbrush securely in the holder.
5. Do not touch any exposed metal parts on the compressor during, or immediately after, operation. The compressor will remain hot for several minutes after operation.
6. It is recommended that the compressor run continuously for no more than 30 minutes. After 30 minutes of continuous operation, use the On/Off Switch to turn off the unit. Allow the unit to cool for 10 to 15 minutes before turning the compressor back on.
7. The compressor has a thermal safety switch which automatically ceases compressor operation when the compressor becomes too hot. If this happens, use the On/Off Switch to turn off the compressor. Allow the unit to cool for 10 to 15 minutes before turning the compressor back on.
8. After each use, make sure the unit is turned off and unplugged. Also be sure to release any remaining air from the compressor by depressing the airbrush trigger.

Troubleshooting

If airflow is not sufficient ...

- Check for air leaks where air can be heard escaping, or apply a soap and water solution on all connections. Resulting bubbles indicate an air leak. Tighten fittings where necessary.
- PTFE seal tape is recommended for all threaded connections.
- Replace the Air Hose if the hose is torn or damaged.

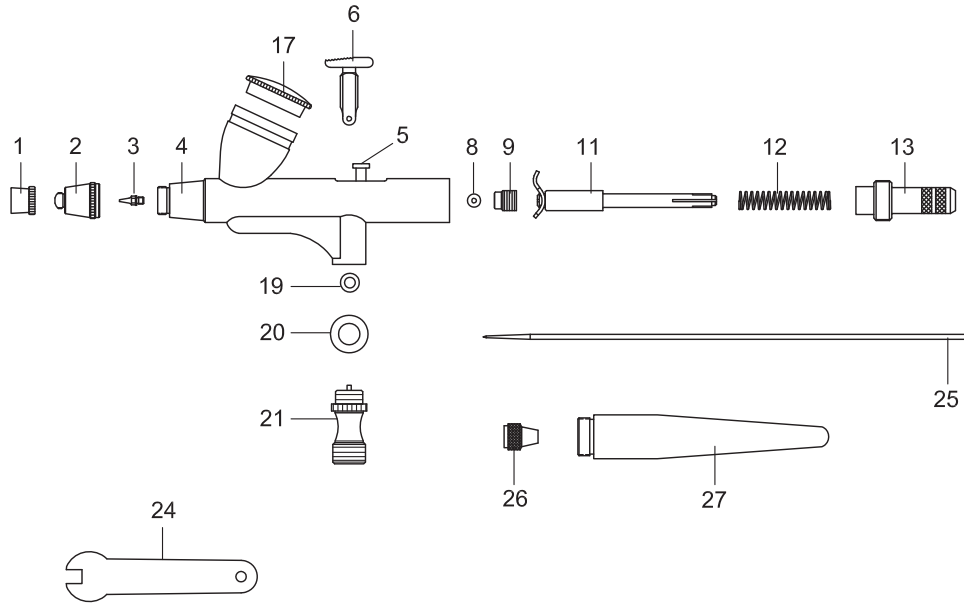
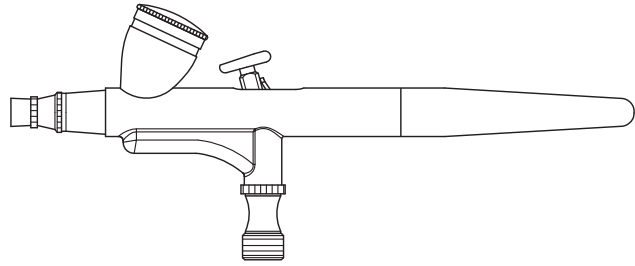
If compressor shuts off frequently, the motor fails to come up to full speed or becomes hotter than usual during operation ...

- Disconnect other appliances that are using the same power outlet.
- Avoid using extension cords.

If problems arise which you cannot solve with the information provided above, please contact your retailer or supplier for assistance. Do not attempt to fix the device yourself. Improper operation and/or dismantling of the device may damage the compressor. If any parts/accessories are damaged, please contact your retailer or supplier for replacement or repair.

AIRBRUSH PARTS

● HB-040



NOTE: See www.SPARMAXair.com for other airbrush models.

INDEX	DESCRIPTION	INDEX	DESCRIPTION	INDEX	DESCRIPTION
1	Needle cap	9	Needle guide	21	Air valve
2	Nozzle cap	11	Needle chucking guide	24	Wrench
3	Nozzle	12	Spring	25	Handle
4	Body	13	Spring case	26	Needle chucking nut
5	Piston	17	2cc cup cover	27	Handle
6	Push botton	19	Piston o-ring		
8	O-ring for needle guide	20	Air valve o-ring		

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OPERATING INSTRUCTIONS

AIR PRESSURE

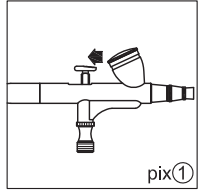
The fluidity of the paint will have an effect on what is the ideal pressures to use, so if you are able to vary your working air pressure, the best advice, is to experiment.

PAINT PREPARATION

Whatever kind of paint you use, make sure that it's a milky consistency, you may have to mix some paints with water or a solvent to achieve this. It is best to prepare the paint relatively thin and make repeated passes across the artwork to achieve the desired shade. There are many different types of inks and water colors available that can be used straight from the bottle and are ideal for airbrush work.

OPERATING YOUR AIRBRUSH - pix①

For dual action models, this design allows you to control air and color supplies totally independently, so you can achieve a vast range of different effects and finishes. The double-action refers to the push button, press down for air, pull back for paint. The further the push button is pulled back, the greater the amount of paint. The balancing act of blending the right amount of air and paint comes with experience.

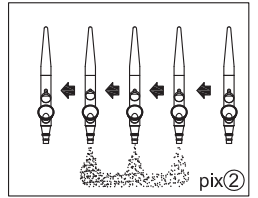


THE START

With dual action airbrushes there is a "golden rule" operation - "AIR ON FIRST, AIR OFF LAST". The key is to start off spraying with air only, the situation you must avoid at all costs is "PAINT ON, AIR OFF" - that is, the push button pulled back but not depressed, in this case, paint accumulates on the needle and sits there waiting for the air to arrive. When it does, the paint simply splats onto your artwork. Always press the push button down before you pull it back, and when you stop spraying make sure the push button is fully returned to its original position before lifting your finger off. Initially, when you start spraying with your airbrush, you should practice freehand spraying. Hold your airbrush, loaded with paint, about 7.5cm from the surface and just spray away, you'll soon pick up the behavioural patterns of your airbrush. After a while, try varying the spray by moving your airbrush to create finer and stronger lines, and further away for broader and weaker lines. The finer and stronger the line, the further away, the broader and weaker the line.

A GOOD TIP FOR SPRAYING A CLEAN FINE LINE - pix②

Don't start by pointing the airbrush at the exact spot where you want the line to begin. Start earlier, moving smoothly towards the target point with air only. When you're in line with the point, pull back the lever for paint. Similarly, at the end of the line, switch off the paint but carry on for a second or two with air only.

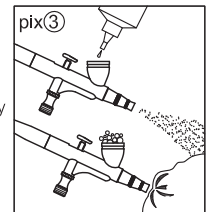


* CLEANING YOUR AIRBRUSH

Keeping your airbrush clean is the single most important aspect of owning an airbrush. The vast majority of airbrush problems are connected to the fact that the airbrush is simply blocked up or seized up through lack of regular thorough cleaning. Your airbrush needs to be cleaned between every color change by flushing through water or a cleaning agent and paint should never be allowed to stand idle in the color cap.

PROCEDURES FOR CLEANING: - pix③

1. Loosen the needle chucking nut and pull the needle back a bit.
2. Add a few drops of water or cleaning solution.
3. Place your finger or a piece of cloth over the needle cap and blow a little air through to produce backspray into paint passage. This will dislodge any paint residue from the nozzle and the paint passage.
4. Clean the color cup with a Q-tip.
5. Flush out the airbrush with water or cleaner.

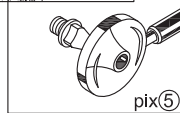
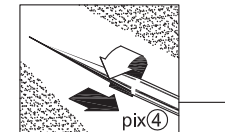


* CLEANING NEEDLES & NEEDLE CAPS

Especially with pigmented colors, paint will build up on the needle and on the inside of the needle cap. Both parts must, therefore, be cleaned frequently.

PROCEDURES FOR CLEANING: - pix④ / pix⑤

1. Remove the needle and draw it gently across a piece of soft cloth or a sheet of blotting paper away from the tip, rotating it as you go.
2. Unscrew the needle cap and clean the inside with a Q-tip and water or Airbrush cleaner.
3. Check the Nozzle from time to time to ensure it is not damaged, only remove it when it needs replacing.
4. Replace needle cap.
5. Carefully insert the needle, pushing it with slight pressure against the nozzle with a little rotating movement to ensure a proper seat. Finally tighten the needle chucking nut.



MAINTENANCE & TROUBLESHOOTING

There are three steps you should take as your starting point when carrying out maintenance work on your airbrush.

1. Make sure you have the diagrammatic breakdown and part list of your airbrush at hand, showing all the internal parts.

It will enable you to specify a new part should you need one.

2. Choose a work surface that is flat and well lit, it helps to have a magnifying glass at hand for inspecting minute components.
3. Most important of all, if you're not sure what's wrong and don't know how to fix it, consult your dealer, it can be all too easy to make an expensive mistake. Apart from the specific problems where it is indicated you should consult your dealer.