

# SEALEY

# Professional TOOLS

INSTRUCTIONS FOR:  
**AIR BRUSH KIT**  
MODEL: **AB932/K**

Thank you for purchasing a Sealey Product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.



**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

## 1. SAFETY INSTRUCTIONS

- WARNING!** Ensure that Health and Safety, local authority and general workshop practice regulations are adhered to when using tools.
- ✓ Ensure that the air brush and accessories are in a clean, sound condition and good working order. Take action for immediate repair or replacement of damaged parts. *Use recommended parts only. The use of unauthorised parts may be dangerous and will invalidate the warranty.*
- ✓ Ensure the air brush supply hose is not tangled, twisted or pinched.
- ✗ **DO NOT** use air brush or accessories if damaged.
- ✗ **DO NOT** operate air brush under the influence of drugs, alcohol, intoxicating medication, or if fatigued.
- 8 **DO NOT** direct spray against yourself, other persons, animals or electrical equipment.
- 7 **DO NOT** use the air brush for a task it is not designed to perform.
- ✓ Wear approved eye protection and a suitable respirator when painting. A full range of personal safety equipment is available from your Sealey Dealer.
- 7 **DO NOT** allow smoking or open flame in the work area.

## 2. INTRODUCTION

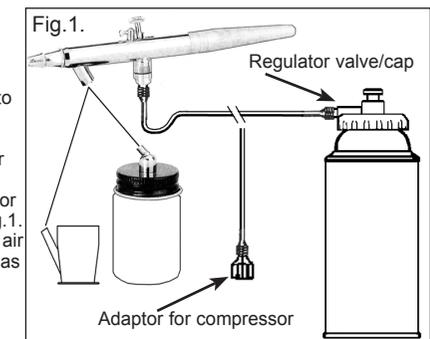
Air brush kit including the AB932 professional gun and a comprehensive set of accessories including knife set and air brush holder. Supplied in carry-case. Ideal for the serious air brush artist, or professional artist.

**CONTENTS:** AB932 professional gun with one 22cc and one 60cc paint jar. Knife set.  
One 100cc container of cleaning fluid. Small pot of light grease.  
Air brush stand. Soft paint brush.  
Four additional 22cc paint mixing/storage jars.

## 3. ASSEMBLY

**Note:** Numbers in brackets refer to item numbers on the parts diagram.

- 3.1. Fit the jar cover with nozzle (23), or the paint cup (22) into the frame (1) as shown in fig.1.
- 3.2. Screw one end of the air hose (26) onto the air hose connection of the air brush and the other end onto the air supply.
- 3.3. To use a propellant can (Sealey Part No: AB/P) a regulator valve/cap (Sealey Part No: AB930/11) is required, see fig.1.
- 3.4. To use a compressor (Sealey Model No: AB900) use the air hose adaptor to connect the air hose to the compressor, as shown in fig.1.

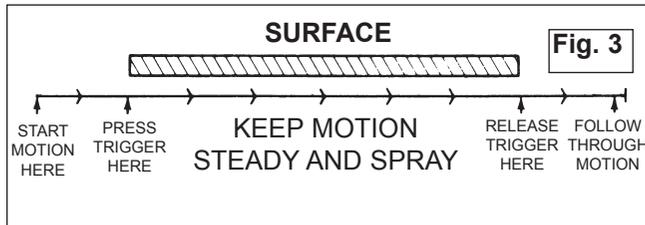
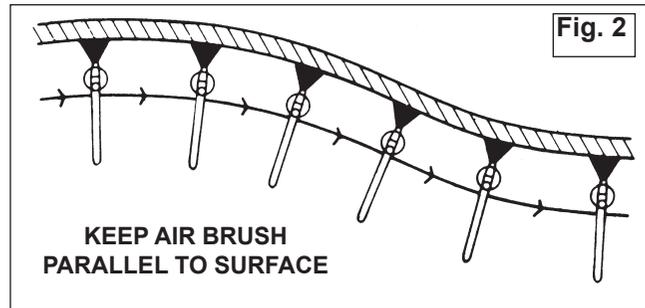


## 4. OPERATING INSTRUCTIONS

**Note:** Numbers in brackets refer to item numbers on the parts diagram.

- 4.1. Mask the area which is NOT to be painted.
  - 4.2. Ensure the object to be painted is free from dust, grease and the surface has been prepared.
  - 4.3. After mixing and thinning the paint, as instructed by the paint manufacturer, fill the paint jar or paint cup just over half full.
- Note:** Mix thoroughly, making sure that the paint is free from lumps. It may be necessary to strain the paint first.
- 4.4. Turn the air ON and test the spray pattern on a test panel to get the "feel" of your air brush.
  - 4.5. Make any necessary spray adjustments. The paint spray pattern can be adjusted by turning the fixing nut (5). The nut is fully closed when it has been turned clockwise to the stop point. The volume of paint dispensed can be adjusted by varying the backward movement of the trigger (15). This can be pre-set using the micro adjust screw (16).
  - 4.6. Holding the air brush about 6 inches from the surface press the trigger (15) down. Using short strokes, move the air brush at a steady rate, parallel to the surface, fig.2. Best results are achieved with a good constant motion. Start the motion before pressing the trigger and follow a through motion after releasing the trigger, fig.3.
  - 4.7. Apply a light coat of paint, let it dry, then apply another coat. Continue with this method until the desired coverage is reached. DO NOT spray too heavily.
- Note:** When using quick drying paints, it is advisable to clean or immerse the fluid end of the air brush in a compatible solvent between sprays.

**CAUTION:** ENSURE ADEQUATE VENTILATION. DO NOT SPRAY NEAR NAKED FLAMES.



## 5. CLEANING & MAINTENANCE

**Note:** Numbers in brackets refer to item numbers on the parts diagram.

**Note:** The air brush should be thoroughly cleaned immediately after each operation.

- 5.1. Remove the empty paint container, wipe the inside thoroughly, including the lid.
- 5.2. Fill the container half full of a compatible solvent and re-attach to the air brush.
- 5.3. Spray into a suitable container, this will clean the needle, nozzle assembly and fixing nut. Hold a soft cloth over the fixing nut and spray again, this will force air and the compatible solvent back through the air brush and clean the internal moving parts. Should the air brush become clogged with paint, dismantle the airbrush and clean the component parts as follows:
  - 5.3.1. Turn off the air and disconnect the air hose from the airbrush.
    - WARNING!** The fluid needle has a long sharp point and great care should be exercised when handling it.
  - 5.3.2. Unscrew the tail cover (14), unscrew the needle securing nut (8A) and carefully withdraw the needle and needle guide assembly (8).

- 5.3.3. Unscrew the needle fixing nut (5) and the nozzle assembly (3).
  - Note:** Should the nozzle assembly require soaking in a compatible solvent, remove the O-ring (2) to prevent damage.
- 5.3.4. Clean and dry the component parts taking great care with the needle to ensure it does not get bent.
- 5.3.5. Should the needle need to be replaced, unscrew the needle securing screw (12), withdraw the needle and replace with a new one (Sealey Part No: AB932/13).
- 5.4. Re-assemble the air brush as follows:
  - 5.4.1. Refit the O-ring removed in paragraph 4.3.3 and screw the nozzle assembly (3) onto the frame (1).
  - 5.4.2. Refit the needle securing nut (8A).
  - 5.4.3. Position the trigger (15) inside the slot in the frame (1) such that the base sits on top of the air valve.
  - 5.4.4. Insert the spacer (7) such that the convex face of the upper section rests against the trigger (15).
  - 5.4.5. Insert the needle (13) into the needle guide assembly (8) and secure by tightening the needle fixing screw (12).
  - 5.4.6. Carefully insert the needle into the frame (1) and secure by tightening the needle securing nut (8A).
  - 5.4.7. Refit the tail cover (14).

## 6. TROUBLESHOOTING

THE PROBLEM	THE CAUSE	THE SOLUTION
Paint Runs.	Too much paint applied. Air brush too close to object. Moving air brush too slowly along workpiece.	Press trigger lightly. Hold further away from object. Move at a faster speed.
Grainy Spray.	Paint too thick. Dried paint deposits on tip, needle or regulator.	Thin paint. Clean air brush thoroughly.
Paint Splattering.	Needle snapping back into tip.	Release needle gently.
Curved Stroke.	Air brush arcing too close to object.	Keep air brush parallel to the object, unless curved stroke is desired.
Paint Spitting.	Needle snapping back into tip. Paint too thick.	Release needle gently. Thin paint.
Restricted Spray.	Air adjusting valve screwed in too tight.  Paint tube in pot clogged.	Loosen the air adjusting valve to obtain the correct spray. Clean as described above.
Bubbles in Paint Cup.	Air adjusting valve out too far Paint tube in pot clogged.	Adjust air valve to eliminate bubbles. Clean as described above.
Erratic Spray.	Fluid needle bent or paint deposits on needle.	Replace needle or clean as required.

**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of this equipment.

**WARRANTY:** Guarantee is 12 months from purchase date. proof of which will be required for any claim.

**INFORMATION:** For a copy of our latest catalogue and promotions, call us on 01284 757525 and leave your full name and address including your postcode.

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