



# INSTRUCTIONS FOR GRAVITY SPRAY GUN 1.3MM SET-UP FINISHING COAT

MODEL NO: **HP01**

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 & CAUTIONS. USE THE 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. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer to instruction manual



Wear eye protection



Wear respiratory protection

## 1. SAFETY

- ✓ Familiarise yourself with the application and limitations, as well as the potential hazards of the spray gun.
- ☐ **WARNING!** Disconnect the spray gun from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the spray gun in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. **Use recommended parts only. Unauthorised parts may be dangerous and will invalidate the warranty.**
- ✓ Locate the spray gun in a suitable work area, keep area clean and tidy and free from unrelated materials, and ensure that there is adequate ventilation and lighting.
- ✓ Keep the spray gun clean for best and safest performance.
- ✓ Ensure the air system has sufficient output for the spray gun air consumption (see specification).
- ✓ Wear approved respiratory protection, safety eye goggles and skin protection.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and tie back long hair.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ When gun is not in use ensure the air supply is disconnected.
- ✓ Avoid unintentional operation.
- ✗ **DO NOT** paint where there is any source, or possible source, of ignition as paint mist is extremely flammable.
- ✗ **DO NOT** point spray gun at yourself or at other persons or animals.
- ✗ **DO NOT** carry the spray gun by the air hose, or yank the hose from the air supply.
- ✗ **DO NOT** use the spray gun for any purpose other than for which it is designed.
- ✗ **DO NOT** allow untrained persons to operate the spray gun.
- ✗ **DO NOT** get the spray gun wet or use in damp or wet locations or areas where there is condensation.
- ✗ **DO NOT** operate gun if any parts are missing or damaged as this may cause failure and/or personal injury.
- ✗ **DO NOT** direct air from the air hose at yourself or others.

## 2. INTRODUCTION

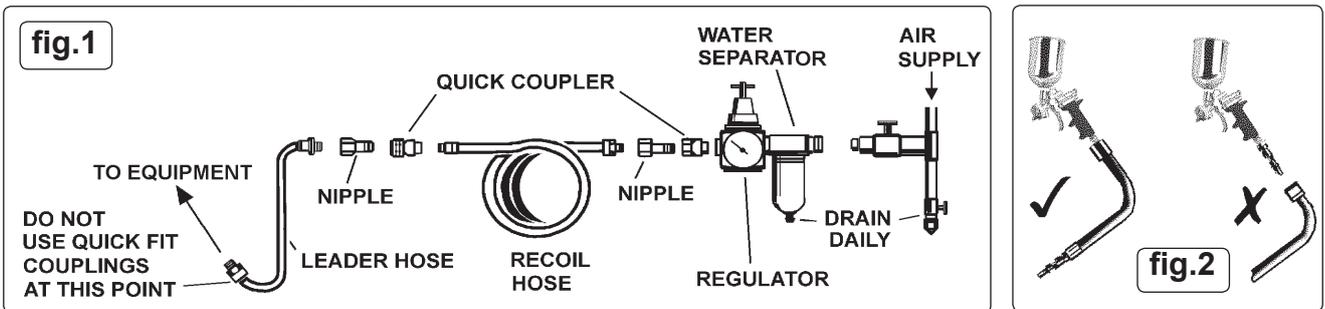
Gravity feed spray gun designed for applying clear finishing coats. Air cap engineered to deliver high mist pressure for rapid paint application and extended working distance. Stainless steel air and laquer flow channels provides long life. Features air and laquer flow controls for fine adjustment of spray pattern.

## 3. SPECIFICATIONS

Model no: ..... **HP01**  
 Standard set up: ..... 1.3mm  
 Air pressure: ..... 29-32psi  
 Air consumption: ..... 10.1cfm  
 Pot capacity: ..... 600ml

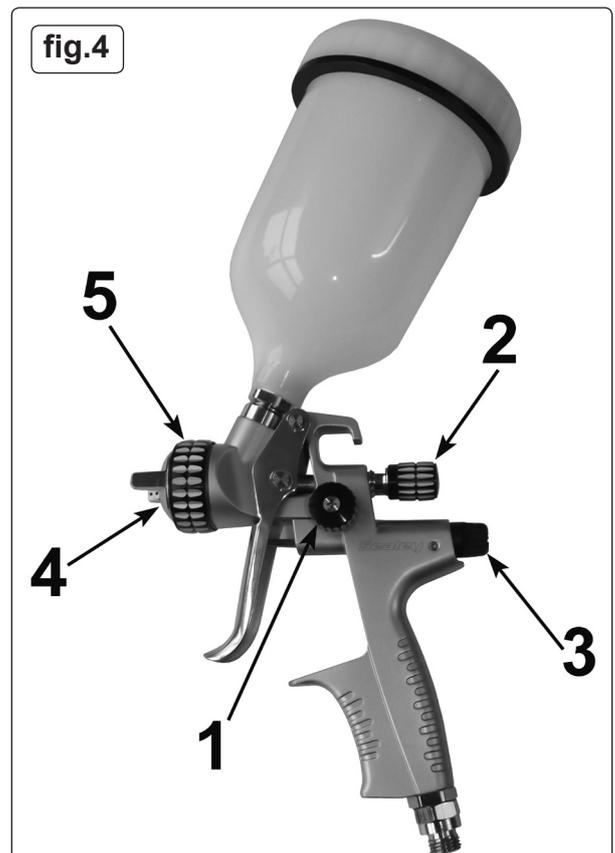
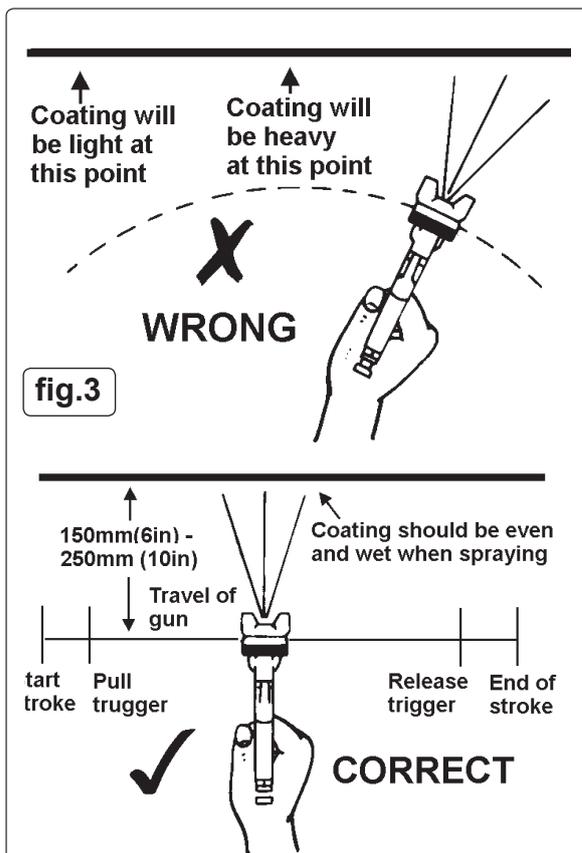
## 4. AIR SUPPLY

- 4.1. For recommended hook-up, see diagram (fig.1). Ensure the air valve is in the "off" position before connecting to the air supply.
- 4.2. You will require an air supply capable of providing a pressure 29 to 32psi and an air volume of 10.1cfm to operate the gun.
  - **WARNING!** Ensure the air supply is clean and is regulated to a maximum of 32psi. Too high an air pressure and unclean air will shorten the life of the gun due to excessive wear and may be dangerous, causing damage and/or personal injury.
- 4.3. Drain the air supply tank and pressure regulator daily. Water in the air line will damage the gun and contaminate the paint.
- 4.4. Clean the compressor air inlet filter weekly.
- 4.5. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 10mm (3/8") I.D. and fittings must have the same inside dimensions.
- 4.6. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 4.7. **Couplings**  
Vibration may cause failure if a quick change coupling is connected directly to the spray gun. To overcome this, connect a leader hose to the spray gun (Sealey ref: AH2R or AH2R/38). A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See fig.1 & fig.2.



## 5. OPERATION

- 5.1. For best results, the gun should be held perpendicular to the surface being sprayed and moved parallel to it. Start the stroke before squeezing the trigger and release the trigger before finishing the stroke. This will enable you to accurately control the gun and material (fig.3).
- 5.2. Spray from a distance of about 150mm to 250mm depending on the material and the atomizing pressure. The material deposited should always be even and wet. Each stroke must overlap the preceding stroke to obtain a uniform finish. To reduce over-spray and obtain maximum efficiency, spray with the lowest possible atomising air pressure.
- 5.3. Controlling the fan spray and the fluid.
  - a) Use the needle (paint) adjustment knob (fig.4.2) to increase or decrease the amount of paint flow.
  - b) The atomizing air flow is controlled by knob (4.1). The volume of air input is controlled by knob (4.3).
  - c) As width of spray is increased more material must pass through the gun to obtain the same coverage on the increased area.
  - d) Turn the air nozzle (4.4) to achieve a horizontal or vertical fan spray. Lock the nozzle with retaining ring (4.5).
- 5.4. The spray pattern of the gun is variable from round to flat with all patterns in between. In normal operation, the wings on the nozzle are horizontal. See fig.5 This provides a vertical fan-shaped pattern which gives maximum uniform and even coverage when moving the gun back and forth, parallel to the work surface.



## 6. CLEANING

**FOR OPTIMUM PERFORMANCE IT IS VERY IMPORTANT TO ENSURE THE GUN IS CORRECTLY CLEANED AFTER EACH USE.**

**Disconnect from the air supply before attempting any cleaning or maintenance.**

### 6.1. Cleaning the gun

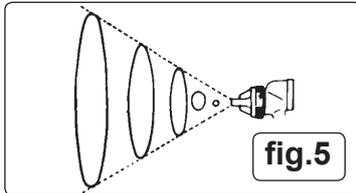
- 6.1.1. Immerse the front end of the gun only in solvent. The solvent should just cover the fluid connection. (fig.5).
- 6.1.2. Use a bristle brush and solvent to wash off accumulated paint.
- 6.1.3. Do not immerse the entire gun in solvent as this will cause lubricants on the rubber seals to dissolve. Dirty solvent may also clog narrow passages in the gun.
- 6.1.4. Flush the gun through with clean solvent.
- 6.1.5. Wipe the outside of the gun with a dampened solvent rag.

### 6.2. Air nozzle, fluid nozzle and needle assembly

- 6.2.1. To clean the nozzles, soak them in solvent to dissolve any dried material then blow them clean with air. Handle all nozzles carefully and do not make any alterations in the gun.
- 6.2.2. If you need to probe the holes in the nozzles, be sure to use a tool that is softer than brass; do not use metal instruments.
- 6.2.3. Adjust the fluid needle valve so that when the gun is triggered, air flow occurs before fluid flow.

### 6.3. Maintenance

- 6.3.1. Disassemble using the supplied spanner, socket and hex key.
- 6.3.2. Take care when re-assembling. Firstly screw parts hand tight to avoid cross-threading then tighten with spanner. If a part cannot easily be turned by hand, check that you have the correct part, or unscrew, realign and try again. DO NOT use excessive force when re-assembling.
- 6.3.3. Lubricate the gun daily with a light machine oil.
- 6.3.4. If you change the nozzle size, ensure the complete nozzle set is exchanged. Insert paint nozzle before putting the paint needle in.



**Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to [www.sealey.co.uk](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto:sales@sealey.co.uk) or telephone 01284 757500.**



**Environmental Protection**  
Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.

**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 product.

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



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