

SEALEY

SPRAY GUN CLEANING TANK, 2 GUN CAPACITY, TIMER

MODEL NO: **SM23P**

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



Wear protective clothing

1. SAFETY

- ▲ **IMPORTANT:** Please read the following instructions carefully. Note the safe operation requirements, warnings and cautions. Use this product correctly and with care for the purpose of 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.
- ❑ **WARNING!** Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using equipment.
- ❑ **WARNING!** Installation site must be equipped with suitable fire extinguishers appropriate to the solvents being used (water must not be used) and escape routes.
- ❑ **WARNING!** Disconnect the spray gun / guns from the air supply before changing accessories, servicing or performing any maintenance.
- ❑ **WARNING!** Ensure correct air pressure is maintained and not exceed. Recommended pressure is 40-60psi..
- ❑ **WARNING!** Never smoke and keep sources of ignition, such as heaters, lamps, etc. away from the unit, together with flammable or combustible materials, as there is an explosion risk.
- ❑ **WARNING!** Wear approved safety eye protection, respirator and gloves. If solvent gets on skin or in eyes wash thoroughly with clean water and take any other action as required by the solvent instructions.
- ❑ **WARNING!** It is the operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct-disposal of waste in accordance with government/local authority regulations.
- ❑ **WARNING!** The operator should be a trained and qualified technician.
- ❑ **WARNING! DO NOT** run the machine without screen platform inside the tank. It may cause the solvent spilling when opening the lid.
- ❑ **WARNING!** Breathing large quantities of a solvent is protentionally harmful, and it may also cause problems to expectant mothers.
- ❑ **WARNING!** Removing of earth wire may cause fire.
- ❑ **WARNING!** Before opening the lid of the tank to clean the spray gun, earth the metal body of the spray gun to discharge any static electricity.
- ✓ 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.
- ✓ Maintain the spray gun cleaning tank 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 tank in an adequate working area. Ensure the tank stands on a firm level surface. Keep area clean and tidy and free from unrelated materials. Ensure the area is well ventilated and has adequate lighting.
- ✓ Familiarise yourself with the application, limitations and potential hazards peculiar to the product.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use, and ensure that all connections are secure.
- ✓ Keep the tank clean. Clean the suction filter inside tank regularly for best performance.
- ✓ In case of fire in the tank, do not attempt to move the unit when it is running.
- ✓ When cleaning is completed, ensure all controls are in the off position and that the air supply is turned off.
- ✗ **DO NOT** use the tank with the lid open and **DO NOT** use it for spray gun testing.
- ✗ **DO NOT** use the tank for any purpose other than for which it is designed.
- ✗ **DO NOT** operate the tank if any parts are missing or damaged as this may cause failure and/or possible personal injury.
- ✗ **DO NOT** over-fill the tank (less than 19L).
- ✗ **DO NOT** direct air from the air hose at yourself or others.
- ✗ **DO NOT** operate the tank when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** open immediately after the wash. Turn the machine off by the stop valve (66), and wait about 30 seconds, let the solvent droplet condense to avoid inhalation of solvent vapour. **NOTE:** Item numbers in brackets are those in the attached parts diagram. Instructions should be read in conjunction with reference to the attached parts list.
- ✓ Be aware of products centre of gravity, when placing in its operational position.

2. INTRODUCTION

Built-in timer allows the tank to be used without supervision. Safety switch that automatically shuts the machine down when the lid is opened during cleaning. Unit can be used to clean spray guns with solvents or water. Diaphragm pump provides a long lifespan and consistent performance. Drain valve at the bottom of the tank makes it easy to remove used cleaning solutions.

3. SPECIFICATION

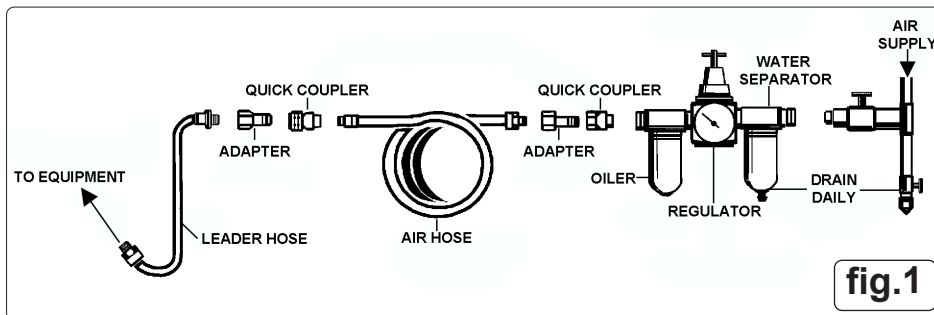
Model No:.....	SM23P
A-Weighted sound pressure	75db(A)
Air Consumption:.....	2-4cfm
Depth:	650mm
Gun/Pot Capacity:.....	2/2
Height:	1100mm
Pump:.....	Diaphragm
Recommended Air Pressure:	40-60psi
Width:.....	470mm

4. ASSEMBLY

NOTE: Item numbers in brackets are those in the attached parts diagram. Instructions should be read in conjunction with reference to the attached parts list.

- 4.1. Attach legs to cabinet with screws (60), hex nuts (61) and provided and fit drain valve (62) to base of tank (2).

5. PREPARATION



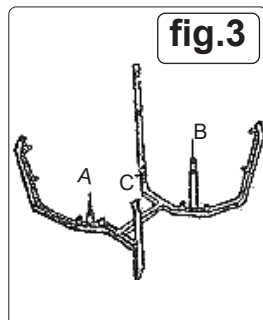
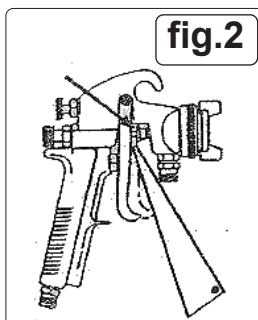
5.1. AIR SUPPLY

- 5.1.1. Ensure that the air pressure valve (63) is closed before connecting the air supply.
- 5.1.2. An air pressure of 2.8~4.2 kg/cm², and an available air volume of 0.06~0.11 m³/min will be required to operate the unit.
- WARNING!** Ensure air supply is clean and does not exceed 4.2 kg/cm². Too high an air pressure and/or unclean air will shorten the product life due to excessive wear and may be dangerous, causing possible damage and personal injury. Air supply must be equipped with regulator, filter/separator and oiler.
- 5.1.3. Line pressure should be increased to compensate for unusually long air hoses (over 8 meters). The minimum hose internal diameter should be 10mm and fittings must have the same internal dimension.
- 5.1.4. Keep hose away from heat, oil and sharp edges. Check hoses for wear and make certain that all connections are secure.
- 5.1.5. The air inlet connection is 1/4" NPT.

6. OPERATION

6.1. PREPARING TANK AND ITEMS FOR CLEANING

- 6.1.1. Before opening the lid of tank to insert the spray gun, earth the metal body of the spray gun to bear metal contact on the cleaning machine to discharge any static electricity.
- 6.1.2. Ensure tank drain ball valve (62) is closed and then pour solvent into tank (2). To aid future sludge removal approximately 2 litres of water may be added, either before or after the solvent. Ensure final level is at least 25mm (1 inch) above pump suction strainer (59)
- 6.1.3. Confirm air regulator valve (20) is closed and air supply pressure is regulated to not more than 4.2 kg/cm². Turn on air supply.
- 6.1.4. Partially open air regulator valve (20) and allow pump to run slowly for approx. 2 minutes to purge fluid used for manufacturer's tests.
- 6.1.5. Check the spray gun to be cleaned, empty and store any excess paint for future use. For best results clean immediately after use, having removed as much residual paint as possible.
- 6.1.6. To clean spray guns to squeeze trigger and fit trigger lock with the steel hook loop (56-1) (56-2) as shown in fig 2.
- 6.1.7. Two gun supports are provided, one short (see fig.3.A) and another long (see fig.3.B.) Use whichever support suits the configuration of the gun to be cleaned. In general, guns which have top entry paint inlets (e.g. gravity feed) can be put on either support provided they do not foul on the underside of the lid. Guns which have bottom entry paint inlets (e.g. suction feed) will usually go onto the longer support. If required gun cleaning nozzle (8) may be fitted directly to manifold (6) without item (8) and (9) thus providing two short nozzles.
- 6.1.8. For pressure fed guns up to 2 litre capacity place the siphon stem of the pot cover over the short support and position the gun and hoses on the screen platform. Over this capacity disconnect the gun from the lines and place on the long support.
- 6.1.9. Place pots over nozzles 'C', shown in fig.3. Screen (11) removed for clarity.



6.2. CLEANING

6.3. Ensure washer lid is closed and then fully open pump air regulator valve (20).

6.4. Select cleaning cycle setting as per selector knob see fig.4.

Setting 1: 1 min. 45 secs Setting 2: 2 min. 20 secs. Setting 3: 3 min. 45 secs. Setting 4: 5 mins. Setting 5: 6 mins. 30 secs.
Setting 6: 8 mins 45 secs.

The pump will now operate and expel an atomized spray through the nozzles in the cleaning tank.

6.5. Cleaning will be complete after 60 seconds, at which time pump should be turned off by closing air regulator valve (20).

6.6. Open lid and remove cleaned equipment.

NOTE: If, during cleaning, lid is opened, cleaning process will automatically stop. Close lid to continue, **DO NOT** store guns in tank.

7. MAINTENANCE

- WARNING!** It is operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct disposal of waste in accordance with government/local authority regulations.
- WARNING!** Disconnect the air supply from the unit before changing accessories, servicing or performing any maintenance.
- WARNING!** Wear approved safety gloves, goggles, respirator and suitable clothing.

7.1. SOLVENT REPLACEMENT

7.1.1. The number of guns the solvent can clean will depend upon the amount of residual paint, which is left in spray equipment. We recommend however that the solvent is changed on a regular basis to provide optimum cleaning performance and that paint sludge is removed weekly, as detailed below.

7.2. SLUDGE REMOVAL

7.2.1. **No water added:** Drain 2L of solvent/sludge from drain valve (62). Close valve (62). Close valve and add (b) clean solvent to tank to bring level up to at least 25mm above strainer.

7.2.2. **Water added:** Drain water until it becomes discoloured, close drain valve. Change to 'dirty solvent' receptacle, re-open drain valve and drain 2 litres of solvent/sludge. Close valve, replace water in tank and then add clean solvent to bring level up to at least 25mm above strainer.

7.3. SOLVENT CHANGE

7.3.1. Completely drain dirty solvent. Clean inside of tank (2) and strainer (59) before refilling with clean solvent wipe up any spillage immediately.

7.4. REGULAR MAINTENANCE

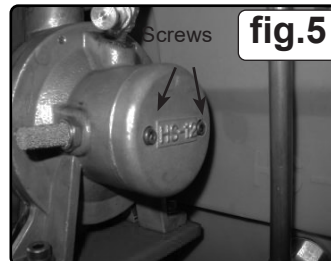
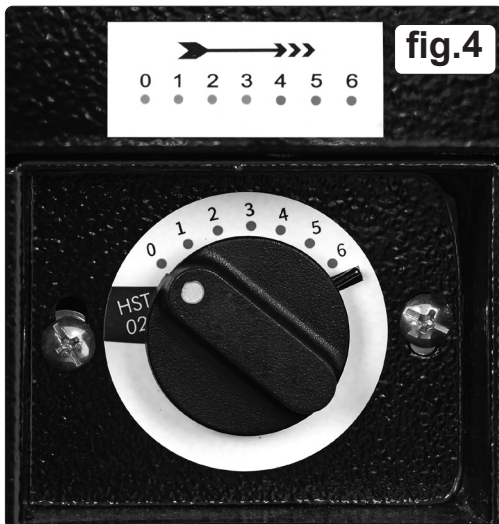
7.4.1. Regularly check that opening the washer lid automatically stops the spray.

7.4.2. Regularly check and add air tool oil to air stop valve (66) on monthly basis.

7.4.3. Keep the outside of the unit clean.

7.4.4. Inject lubricant into air inlet every three months.

7.4.5. Use a hexagonal screwdriver in tool bag to open the circular cap of the pump and inject lubricant into it (fig.5).



ENVIRONMENT 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 any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.



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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 is required for any claim.

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