ASTURO MEC®

Member of CSQ Federation RINA ISO 9001:2008 Sistema Qualità Certificato

WALMEC® spa

INSTRUCTIONS SPRAYGUN

ES - ES/RV

• • • SAFETY WARNINGS

• ***DANGER OF FIRE OR EXPLOSION:***

• Never use HALIDE HYDROCARBON SOLVENTS (1.1.1 Trichloride, Chloride Ethyl etc.), acids or alkalis that would cause dangerous chemical reactions with the materials used in constructing the spray gun.
• Do not smoke or produce sparks: this could cause fire.
• Always be sure that the painting equipment is earthed correctly.

• ***HEALTH & SAFETY EQUIPMENT AND PRECAUTIONS:***

• Use the spray gun only in well ventilated rooms.
• Always wear suitable protective gloves and goggles as well as specific breathing filters/masks.
• Use special clothing to protect the body from contact with toxic vapours, solvents or with the products in use.
• The use of some paint products containing organic solvents can cause intoxication due to the toxic fumes they emit. In every case, it is necessary to read the technical sheets for the products before use.

• ***WARNINGS CONCERNING IMPROPER USE***

• Never direct the jet towards persons or animals.
• Never exceed the rated pressures.
• Before disassembly and cleaning, make sure that the spray gun has been disconnected from the supply unit.

< 2,5 MT. SEC. VIBRATION

< 80 dBA

• • • FAILURES AND REMOVAL OF THEIR CAUSES

FAULT	CAUSE	REMEDY
INTERMITTENT JET	- Stuffing box is worn - Paint nozzle is loose - Nozzle is damaged	- Replace the stuffing box - Tighten up - Replace the nozzle
UNEVEN JET	- Air cap holes are dirty or damaged - Central hole on cap is damaged or dirty - Nozzle is dirty or damaged	- Clean carefully (**not with metal objects**), if problem persists, replace nozzle and cap.
AIR IS ENTERING THE PAINT POT	- Paint nozzle is loose - Nozzle is worn out	- Tighten up - Replace nozzle
PAINT LEAVES THE NOZZLE ONLY ON FIRST PULL	- Nozzle and needle are clogged with dry paint - Nozzle or needle is damaged - Needle pusher spring missing	- Clean carefully - Replace nozzle and needle - Insert the spring
AIR IS DISCHARGED WHEN THE LEVEL IS RELEASED	- Dirt in the air valve - Air valve damaged - Air valve stuffing box worn out	- Clean carefully / replace - Replace - Replace

• • • MAINTENANCE

WARNING: DISCONNECT THE SPRAY GUN FROM THE EQUIPMENT BEFORE ANY DISASSEMBLY OPERATIONS.

Incomplete cleaning could cause function failures and a degradation of the fan form.

1. Remove any remaining paint by pouring it into another container.

2. Disassemble the spray gun making sure to remove the needle before disassembling the nozzle to avoid damage to the housing of the nozzle closure.

3. Clean all the paint passages and the nozzle. Clean the other components using a brush soaked in solvent.

4. Reassemble the spray gun and spray a small quantity of solvent to eliminate all the residues in the paint passages.

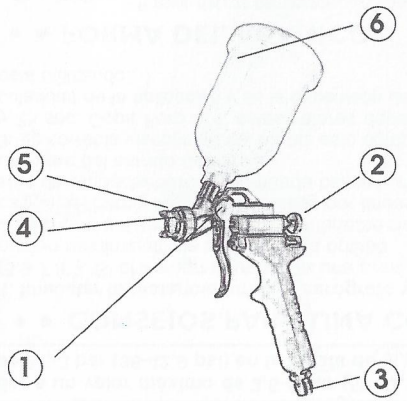
WARNING:
NEVER USE METAL OR OTHER OBJECTS THAT COULD DAMAGE THE HOLES IN THE NOZZLE AND CAP. NEVER IMMERSE THE SPRAY GUN COMPLETELY IN SOLVENT.
NEVER USE COMPONENTS OR PARTS THAT ARE NOT **WALMEC** ORIGINALS.

ENGLISH

MOD. ..... ES - ES/RV

• • • TECHNICAL SPECIFICATIONS

- Maximum operating pressure on the pistol grip: **2,5-3 bar (35,7-42,9 psi)**
- Air cunsumption **60 lt./min. (2,1 c.f.m.)**



1. FANSHAPE REGULATION KNOB (VERSION ES/RV)
2. PRODUCT FLOW REGULATOR KNOB
3. COUPLING FOR COMPRESSED AIR HOSE G 1/4" m
4. NOZZLE
5. AIR CAP
6. GRAVITY CUP WITH COUPLING M 8X0,75

• • • USE

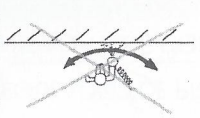
The ES-ES/RV spray guns have been designed for touch ups in the body shop, wood and industrial sectors, as well as for graphic work and decoration work. The instrument is not suitable for use with abrasives or products containing acids or petrol of any kind.

TO IMPROVE THE YIELD WHEN USING THE SPRAY GUN WE RECOMMEND FOLLOWING THE INDICATIONS GIVEN BELOW:

1. When possible, use an air hose with a minimum internal section of ø 8 mm (0.3").
2. Make sure that the compressed air is perfectly filtered to remove air, oil or other impurities (for example, by installing a filter group of the ASTURO MEC series).
3. Pull the trigger a first time so that the air flows through the gun and adjust the pressure to 2,5-3 bar (35,7-42,9 psi) on the pistol grip.
N.B.: When using a 10-mt. hose, adjust the air pressure on the regulating filter upstream to a maximum value of 3.5-4 bar (50-57,2 psi) to obtain the recommended atomising pressure of 2,5-3 bar (36-42,9 psi) on the pistol grip.

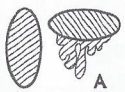
• • • ADVICE FOR CORRECT USE

1. The distance between the spray gun and the surface to be painted must be set between 150 and 200 mm (5.9-7.9"). If the spray gun is working at too low a pressure and at too high a distance, it will not perform to the best of its capacity.
2. The jet from the spray gun must always be perpendicular to the surface being painted and the paint must be applied in horizontal strokes. Any eventual shift from this position when spraying will result in an uneven application of the paint layer.
3. Correct viscosity of the paint is between 15 and 25 sec. Cup Ford n°4. These values depend on the application in question and the size of the nozzle in use.

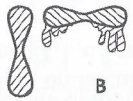


OK

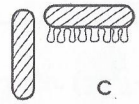
• • • FORM OF THE FAN



A
- Air pressure too low
- Product viscosity too high
- Quantity of product too high



B
- Air pressure too high
- Product viscosity too low
- Quantity of product too low



C
- Regular jet

Adjust the air pressure, product quantity and spray aperture until obtaining a regular imprint as in fig. C