

WALCOM[®] SPRAY GUN CLEANER

EASY/S - Ref. 90061

Operating and maintenance handbook



WALMEC ITALY
HEADQUARTERS

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SAFETY WARNINGS

- Before using the spray gun cleaner EASY, **carefully read the following warnings, recommendations and instructions for use!**
- Keep these documents with the spray gun cleaner EASY.

Meanings of symbols used



FIRE OR EXPLOSION HAZARD

- Do not use **use solvents and/or cleaners with minimal ignition temperature** lower than 85°C. If in doubt, ask the product's dealer for information on the solvent's/cleaner's before using it.
- **Do not use solvents and/or halocarbon based detergents** (Ethyl trichloride, Methyl chloride, etc.) since they could rust galvanised parts causing even explosive chemical reactions!
- Before to install the spray gun cleaner EASY make sure that there **is an aspirator** to remove the vapours and gasses!
- On the top of spray gun cleaner must be placed the hose to remove the vapours and gasses: **make sure that the hose is made with antistatic material!**
- Do not smoke or produce sparks: this could cause fire!
- Always be sure that the spray gun cleaner is **earthed correctly!**

RISK OF IMPROPER USE



- The spray gun cleaner EASY must be **exclusively** used/overhauled by qualified and trained personnel;
- Handling spray gun cleaner EASY is **prohibited** to persons whose ability to react is impaired by drugs, alcohol, medication, or in any other way;
- In case of any type of damage to the spray gun cleaner EASY, **immediately** place the spray gun cleaner **out of service/function** by disconnecting it from the power supply system (air inlet);
- **Don't exceed the maximum working pressure specified in the technical data**
- It is recommended to **carefully read the instructions of spray guns manufacturers for any further indications and limitations on the use of specific cleaning products.**
- **Never operate the spray gun cleaner EASY in the presence of any damage or if any components are missing;**
- **Refer to local regulations for the management and disposal** of cleaning products and residues (e.g. residual paints and/or solvent/detergent dirty);



HEALTH EQUIPMENT AND PRECAUTIONS

- When using the spray gun cleaner EASY, always wear **suitable protective glove and goggles**, as well as **specific masks with filters!**
- When using the spray gun cleaner EASY, wear **suitable and antistatic work clothing to protect the body** from contact with toxic vapours, with paints and with the products in use and to avoid electric discharges!
- When using the spray gun cleaner EASY, wear **suitable hearing protection** since 85 dB(A) acoustic pressure levels may be exceeded!
- Don't use acid or alkaline substances for cleaning. In every case, it is necessary **to read the technical sheets for the products** before use!
- **Read the technical sheets for all products** before use!

1. INTRODUCTION

Spray gun cleaner EASY/S is an equipment used for manual cleaning solvent based paints on spray guns and related accessories.

2. SPRAY GUN CLEANER DESCRIPTION

The essential parts of spray gun cleaner are (Fig. 1)::

C - Cleaning Cabin

B - Base

- 1) Tap for clean solvent flow
- 2) Tap for atomized clean solvent flow
- 3) Tap for recycled solvent flow
- 4) Chimney
- 5) Air supply valve 1/4"G
- 6) Divisive panel
- 7) Hose of clean solvent flow
- 8) Hose of atomized clean solvent flow
- 9) Hose of recycled solvent flow
- 10) Suction hose clean solvent flow
- 11) Suction hose atomized clean solvent flow
- 12) Suction hose recycled solvent flow
- 13) Discharge solvent dirty hole
- 14) Vent hose clean solvent tank
- 15) Vent hose recycled solvent tank
- 16) Door; only for EASY/S model
- 17) Clean solvent tank
- 18) Recycled solvent tank



fig. 1

3. INSTALLING

Follow the below pictures



Door (14) mounting phases: fig. 3-4-5

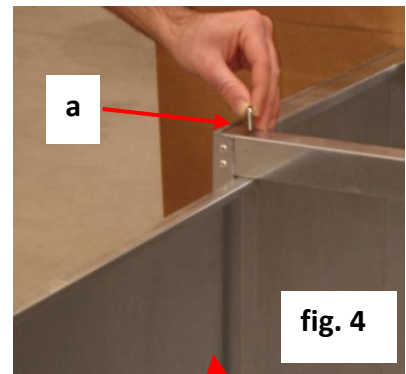
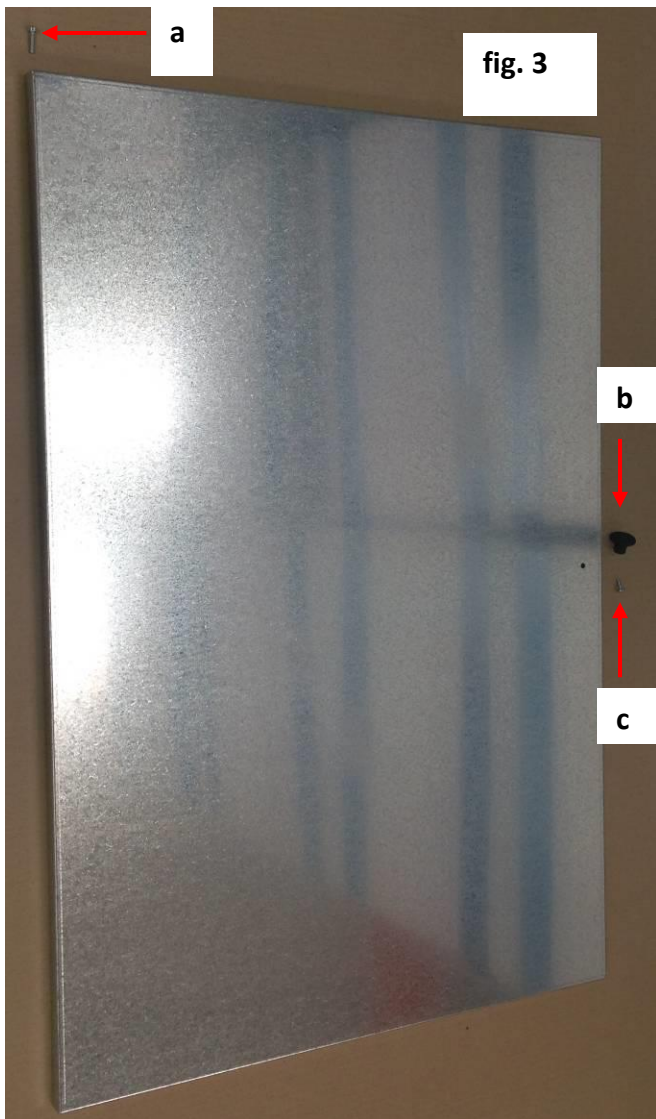




fig. 6 - Inserting cleaning cabin on the base.



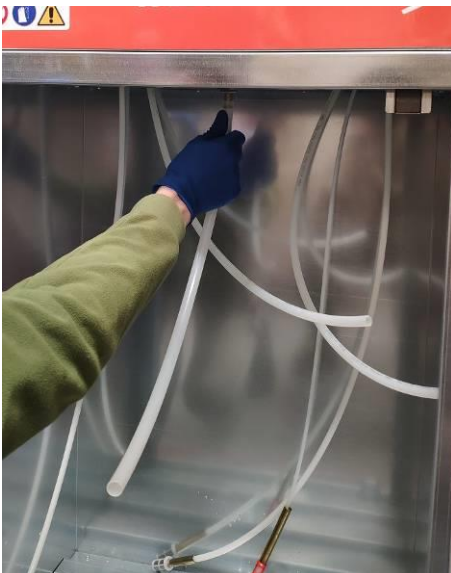
**fig. 7.1. filter (g)
RECYCLED SOLVENT FLOW**



**fig. 7.2. filter (f)
ATOMIZED CLEAN
SOLVENT FLOW**



**fig. 7.3. filter (g) CLEAN
SOLVENT FLOW**



**fig. 8. Inserting of
DISCHARGE SOLVENT
DIRTY HOSE**

4. OPERATING

Use a $\varnothing 100$ mm of electrically antistatic tube (not present in the packaging) and connect it to an external vacuum cleaner.

Connect the inlet air tap (5) to the compressed air. It is recommended to connect a pressure regulator and a filter (not present in the packaging). Opening the tap (5) will automatically activates the nozzle for suction of the vapours.

Before each use check at least the below:

- the filters of the suction hose (10)-(11)-(12) must be cleaned (perform Periodic Maintenance following minimum frequency as shown in Table (tab.1);
- the vent hoses (14)-(15) must always directed inside the relevant tanks (danger due product leakage during the venturi action) and not obstructed. The length of vent hose are calculated for standard 25-liter tank.

Act on:

- Tap (1) for distribution of clean solvent flow;
- Tap (2) for distribution of atomized clean solvent flow;
- Tap (3) for distribution of recycled solvent flow;

5. PERIODIC MAINTENANCE



fig. 9

Part	Operation	Frequency
Tub (d)	Cleaning	2 weeks
Cup (e)	Cleaning	2 weeks
Filter (f)	Cleaning	2 weeks
	Replacment	3 month
Filter (g)	Cleaning	2 weeks
	Replacment	3 month

tab.1



fig. 10



fig. 11



fig. 12

6. TECHNICAL DATA

Weight	33 kg
Height (Base +Cleaner cabin)	1400 mm
Width	620 mm
Depth	360 mm
Air pressure max	8 bar
Diameter of aspiration chimney nozzle(8 bar)	1,3 mm
Diameter of aspiration chimney (4)	100 mm
Air consumption of aspiration chimney nozzle (8 bar)	90 l/min
Air consumption of "continuos" flow nozzle (8 bar)	70 l/min
Air consumption of atomized flow nozzle (8 bar)	10 l/min
Inlet air pressure suggested	4-8 bar
Liquid flow from continuos flow hose (5 bar)	800 g/min

7. MULFUNCTIONS

Malfunctions	Cause	Corrective action
The system does not dispense clean solvent	Clean solvent tank (17) is empty.	Fill or replace the tank of clean solvent with a new one.
	Low inlet air pressure.	Ensure inlet pressure as per technical data
	Suction hose clean solvent (10-11) clogged or buckled	Make sure the hose is clear.
	Filter of suction cup clean solvent flow (e) is dirty	Clean or change the filter.
	Filter of suction hoses clean solvent (g-f) are dirty	Clean or change the filters.
The system does not dispense recycled solvent	Recycled solvent tank (18) is empty.	Fill the tank of recycled solvent.
	Low inlet air pressure.	Ensure inlet pressure as per technical data
	Suction hose clean solvent (12) clogged or buckled	Make sure the hose is clear.
	Filter of suction cup recycled solvent flow (e) is dirty	Clean or change the filter.
	Filter of suction hose recycled solvent (g) is dirty	Clean or change the filter.
Solvent leaking from the suction tanks	Incorrect inlet air pressure.	Ensure inlet pressure as per technical data
	Liquid leaking from flow suction cup	Screw the cover cup
Leakage of solvent from the tanks during operation	The vent hoses (14-15) have not been correctly inserted in their respective tanks	Insert the vent hose pipe in the relative tank and / or use 25 liter tanks.
	The solvent level in the tank is too high	Partially empty the containers so as not to "clog" the terminal of the vent hose

8. CARE, STORAGE AND REMOVAL FROM SERVICE

Careful handling together with regular care of the product is necessary to warrant the functioning of the EASY. Clean the EASY at regular intervals and check for leaks, carefully following the maintenance plan.

Damage from using the wrong cleaning agent

- The use of aggressive detergents can damage the EASY gun washer
- Do not use aggressive detergents.
- Use a neutral liquid detergent with pH 6 - 8.
- Do not use acids, caustic solutions, bases, paint strippers, unsuitable regenerates or other aggressive cleaning agents.

Before removing the EASY gun washer from service, be sure to:

- Disconnect the EASY gun washer from the compressed air network;
- Remove all solvent and / or detergent tanks from the EASY;
- Disconnect the chimney;

WARRANTY CERTIFICATE

This warranty covers all parts of the spray gun cleaner model EASY/S.

The duration and the conditions of warranty are those laid down by Directive 2011/83/EU of the Parliament and the Council of Oct 25, 2011.

In the event of manufacturing defects the spray gun cleaner must be returned through the original WALMEC S.p.A. dealer, together this Warranty Certificate indicating where the problem lies and with all sections properly filled in.

This warranty will only be recognised by WALMEC S.p.A. who reserves the right to refuse liability in the following cases:

1. The defects are not the result of detective workmanship, materials or assembly, but arise from incorrect use and improper maintenance.
2. The spray gun cleaner has been tampered with, modified or damaged by unauthorized personnel.
3. The spray gun cleaner has been used or cleaned with unsuitable products or used for other purposes than those for which it was intended.
4. The defects are the result of normal wear and tear.
5. The spray gun cleaner has been returned under guarantee without the accompanying Warranty Certificate completed.

DEALER'S STAMP AND DATE OF SALE

PROBLEM FOUND
