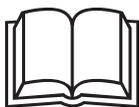
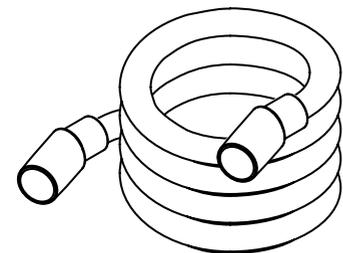
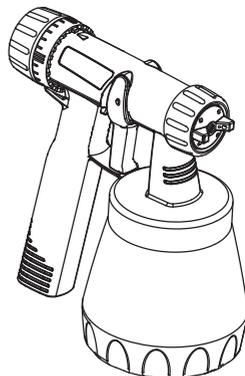
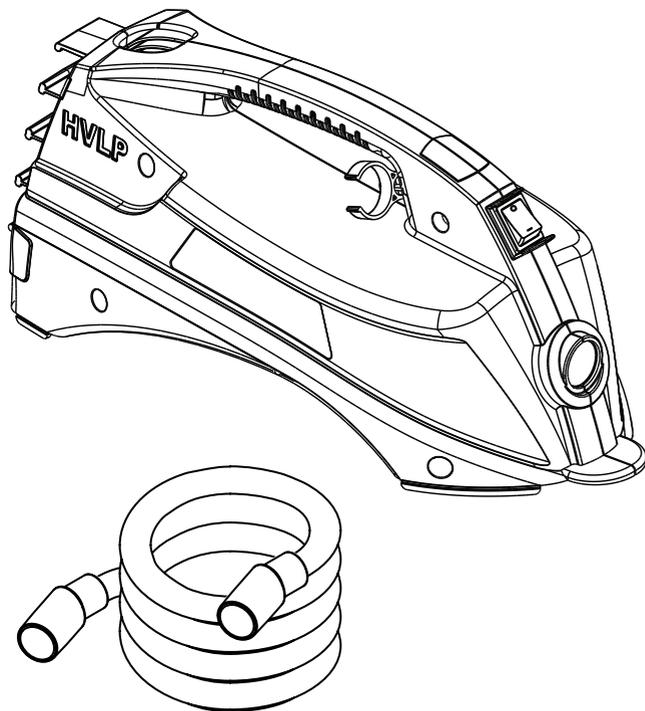




Earlex®

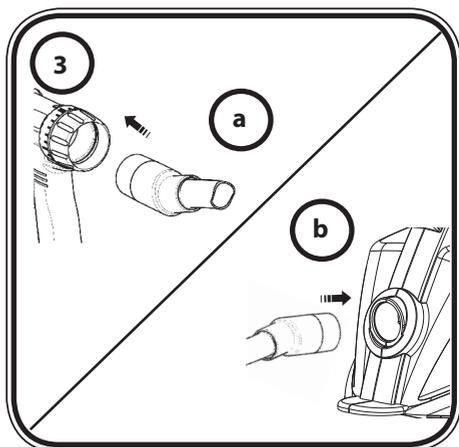
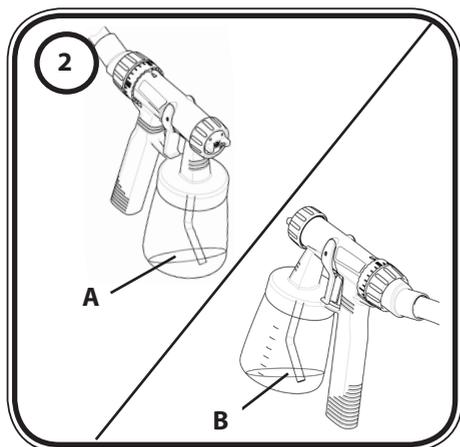
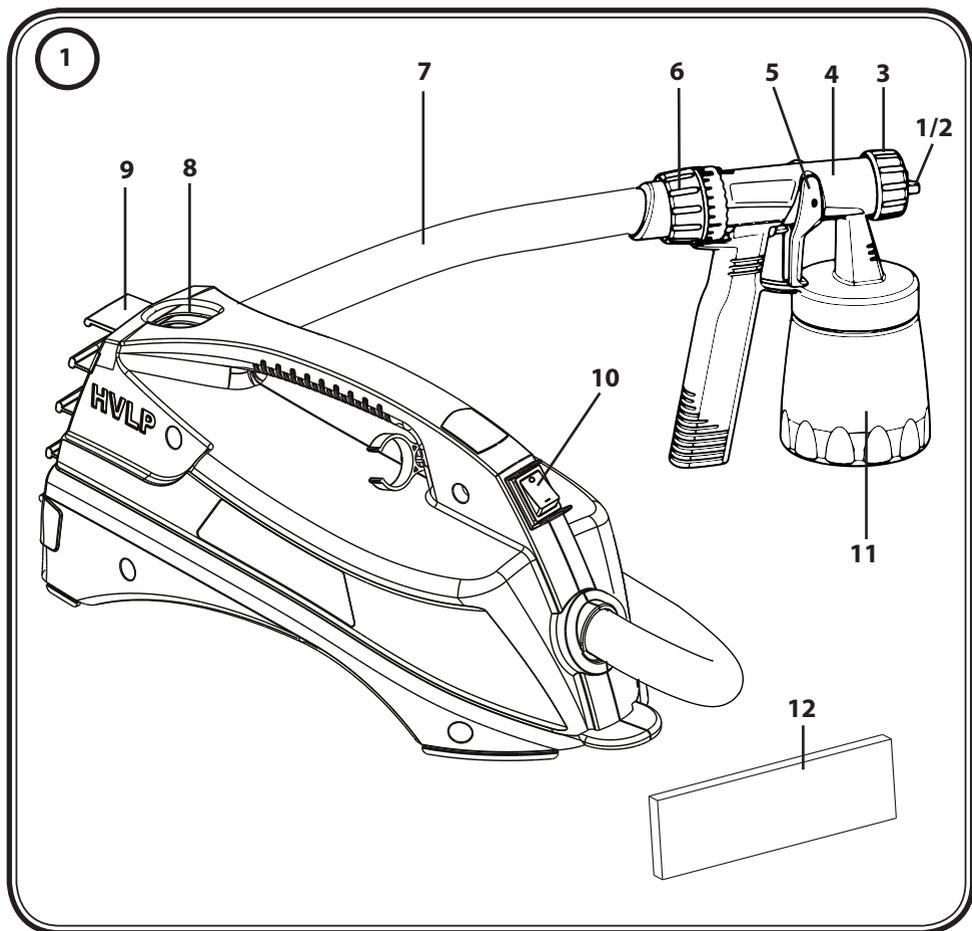


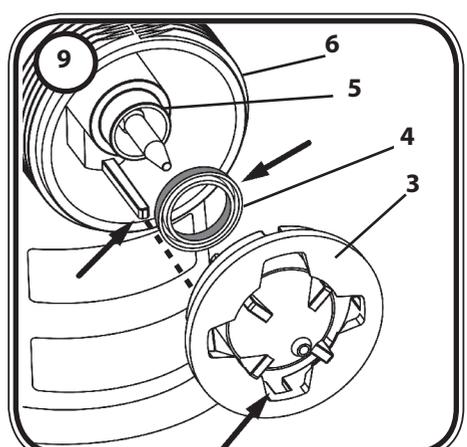
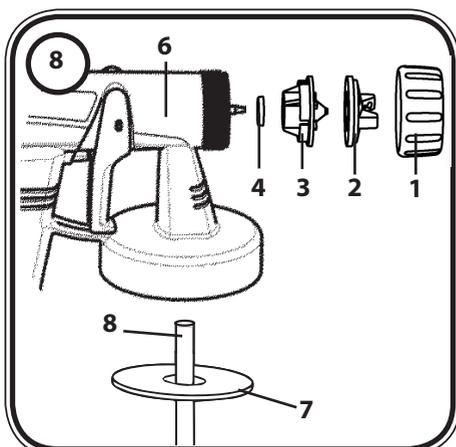
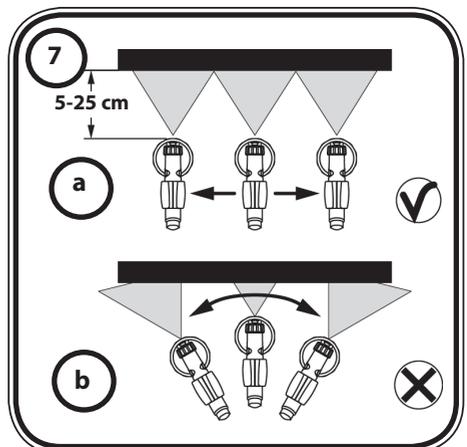
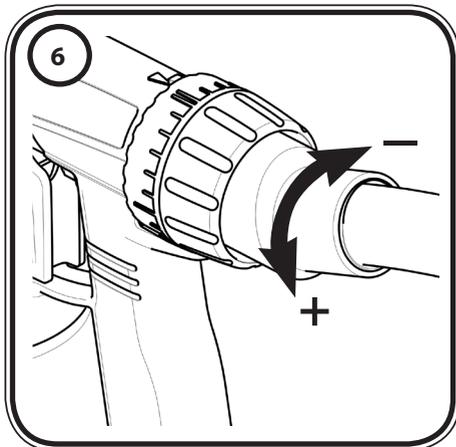
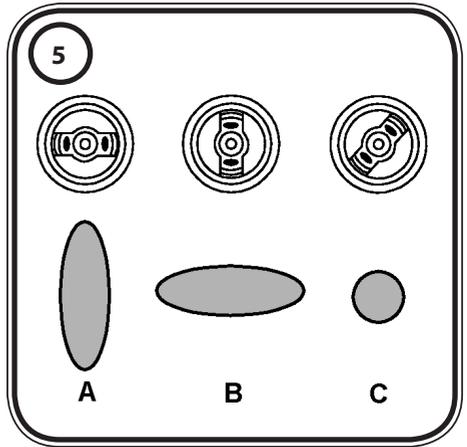
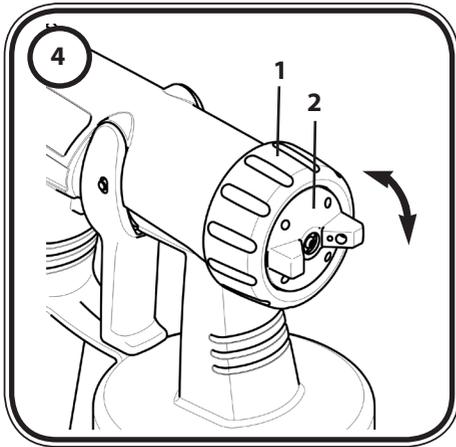
Spraystation® Motor Spray 3000

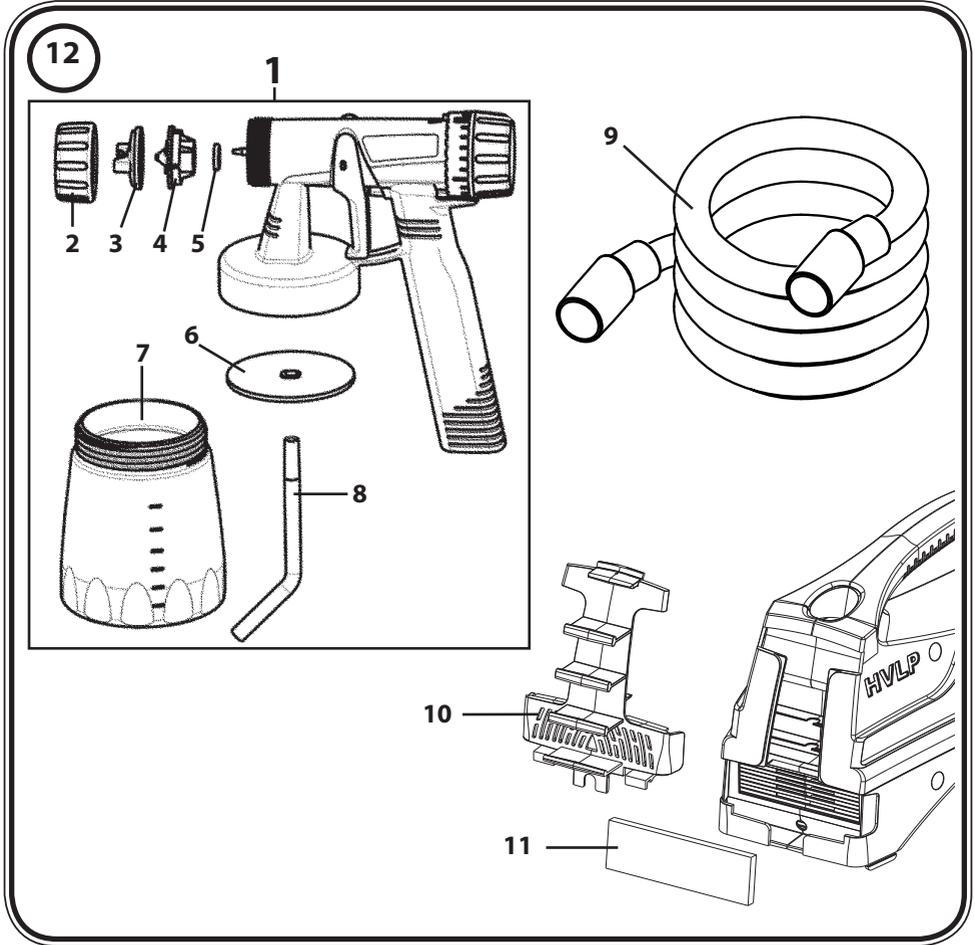
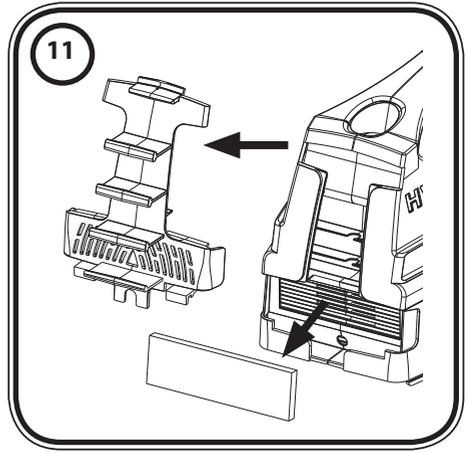
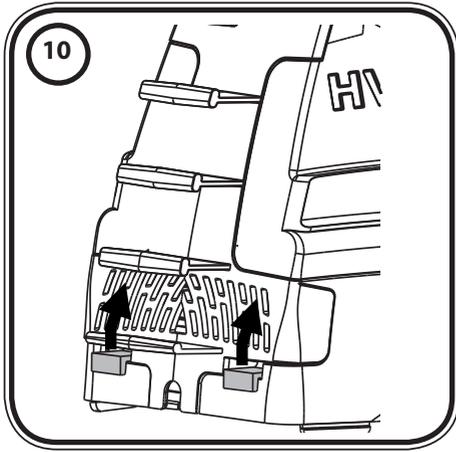
Betriebsanleitung/ Operating Manual

Mode d'emploi/ Gebruiksaanwijzing

DE/EN/FR/NL







Translation of the original operating instructions

MANY THANKS FOR PLACING YOUR TRUST IN US

We would like to congratulate you on purchasing this brand product from Earlex; we are sure that you will enjoy working with it greatly.

Please read the Operating Manual carefully and observe the safety information before starting the device. Store the Operating Manual in a safe place close to the product in case it needs to be used by someone else.

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1. Explanation of symbols used

	<p>This symbol indicates a potential danger for you or for the device. Under this symbol you can find important information on how to avoid injuries and damage to the device.</p>
	<p>Danger of electrical shock</p>
	<p>Indicates tips for use and other particularly useful information.</p>

2. General Safety Instructions

Caution! *Read all the instructions. Non-observance of the instructions below can cause electric shock, fire and or serious personal injuries. The term "power tool" used below covers both mains-operated power tools (with supply cord) and accumulator-operated power tools (without supply cord).*



1. Work area safety

- a) **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
- b) **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
- c) **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

2. Electrical Safety

- a) **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** *Unmodified plugs and matching outlets will reduce risk of electric shock.*
- b) **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** *There is an increased risk of electric shock if your body is earthed or grounded.*

- c) **Do not expose power tools to rain or wet conditions.** *Water entering a power tool will increase the risk of electric shock.*
- d) **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** *Damaged or entangled cords increase the risk of electric shock.*
- e) **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** *Use of a cord suitable for outdoor use reduces the risk of electric shock.*
- f) **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** *Use of an RCD reduces the risk of electric shock.*

3. Personal safety

- a) **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
- b) **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
- c) **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.*
- d) **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
- e) **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- f) **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewellery or long hair can be caught in moving parts.*

4. Power tool use and care

- a) **Do not force the power tool. Use correct power tool for your application.**
The correct power tool will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the switch does not turn it on and off.** *Any power tool that cannot be controlled with the switch is dangerous and must be repaired.*
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
- d) **Store idle power tools out of reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
- f) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*

5. Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
- b) **If the supply cord is damaged, it must be replaced by the manufacturer or it's service agent or a similarly qualified person in order to avoid a safety hazard.**

3. Safety Instructions for Spray Guns

- **Caution!** Wear breathing equipment: Paint mist and solvent vapours are damaging to health. Always wear breathing equipment and only work in well ventilated rooms or using supplementary ventilating equipment. It is advisable to wear working clothing, safety glasses, ear protection and gloves.



CAUTION: DANGER OF INJURY!

Never point the spray stream towards human beings or animals.



CAUTION Risk of explosion!

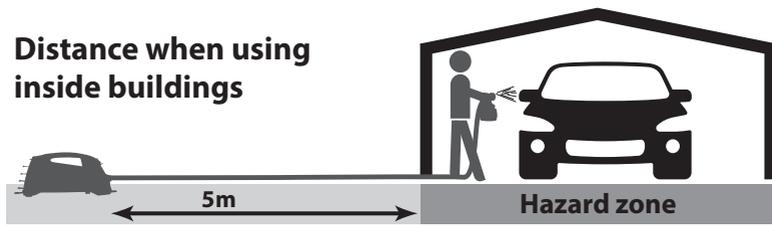
When spraying flammable coating materials and when vapours from coating materials and solvents are produced independently, flammable gases can be produced in the area of work. When spraying there shall be no sources of ignition anywhere, e.g. naked flame, smoking cigarettes, sparks, glowing wires, light switches, electrical devices, hot surfaces and engines. The electrically operated spraying device contains potential ignition sources itself.



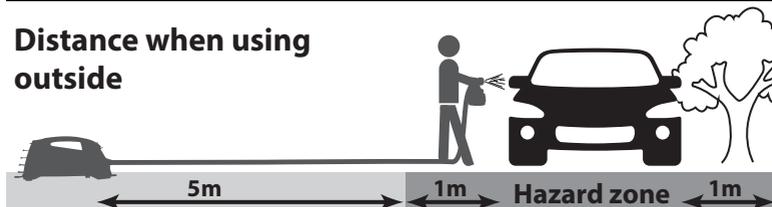
CAUTION Risk of explosion!

Set up the spray device at least 5 metres outside of the hazard zone. Inside buildings the hazard zone is the room in which you are spraying and outside, it refers to the area one metre around the object being sprayed (automobile). Longer hoses are available as accessories as required.

Distance when using inside buildings



Distance when using outside



- The device may not be used in establishments that are subject to explosion prevention regulations.
- To avoid the hazard of explosion when spraying, provide for effective natural or artificial ventilation.
- Always switch off the car engine and allow it to cool down completely before spraying.
- Only connect spray device to electrical sockets that are outside of the hazard zone.

- Caution against dangers that can arise from the sprayed substance and observe the text and information on the containers or the specifications given by the substance manufacturer.
- Do not spray any liquid of unknown hazard potential.
- Ensure that no solvent vapours are sucked in by the unit. Do not spray onto the unit!
- Always seal paint or solvent containers tightly in the vicinity of the device.
- Do not leave the device out in the rain and do not operate in areas with high humidity levels.
- Use only containers made of plastic with the gun.
- When spraying, no work may be carried out with electrostatics.
- The spray device may not be modified or combined with parts that have not been approved by the manufacturer.
- Never operate the machine without the air filter fitted.
- Never pull on the hose to move the device.
- The device is not a toy. For this reason do not allow children to handle or play with the device.
- Before working on the device, remove the power plug from the socket-outlet.
- Cover areas that are **not** to be sprayed. When working keep in mind that wind, for example, may transport paint mist over great distances and cause damage.
- **Do not lay the spray gun down.**

With original Earlex accessories and spare parts, you have the guarantee that all safety regulations are fulfilled.

4. Description/ Scope of delivery

Description/ Scope of delivery (Fig. 1)	
1 Air cap	8 Spray gun holder
2 Nozzle	9 Air filter cover
3 Union nut	10 ON/OFF switch
4 Spray gun	11 Container
5 Trigger	12 Replacement air filter
6 Material volume regulation	13 Replacement nozzle seal*
7 Air hose	14 Lubricating grease (without illustration)*

* This is inside the container: remove it before starting operations!

5. Field of application

MotorSpray 3000 was developed to process materials for the automotive area (in particular spray film).

6. Coating Materials Suitable for Use

Spray film, water- and solvent-based paints, primers, 2-component, staining sealers and wood sealer-preservatives.

7. Coating Materials Not Suitable for Use

Materials that contain highly abrasive components, facade paint, caustic solutions and acidic coating substances.

8. Preparation of the Coating Material



Please ensure that the processing instructions of the manufacturer of the material are observed.

The spray device can be used to spray undiluted or slightly diluted materials. Detailed information is available in the technical data sheet of the manufacturer (→ Internet Download).

1. Stir the material and put the required amount into the paint container.

Thinning recommendation	
Sprayed material	
Spray film, paints containing solvents and water-soluble paints, primers, vehicle coating paints, thick-film glazes	dilute by 0 - 10 %

2. If the convey capacity is too low, add 5 - 10 % dilution step-by-step until the convey capacity fulfils your requirements.

9. Start-up

Before connecting to the mains supply, be sure that the supply voltage is identical with the value given on the rating plate.

- Unscrew the container from the spray gun.
- Aligning suction tube. (Fig. 2)
If the suction tube is positioned correctly, the container contents can be sprayed without almost any residue.
When spraying horizontal surfaces, turn suction tube forward. (Fig. 2 A)
When spraying objects overhead, turn suction tube back. (Fig. 2 B)
- Set the container on a sheet of paper, pour in the prepared coating material and screw the container tightly onto the spray gun.
- Mount the air hose (Fig. 3, a + b). Insert the air hose firmly into the connection of the unit and the gun handle. The position of the hose is not relevant.
- Set up the spray device at least 5 metres outside of the hazard zone.
- Put the machine down only on a level, clean surface. Otherwise, the gun may suck in dust, etc.
- Push the ON/OFF switch at the device.
- It is advisable to test spray cardboard or a similar material in order to determine the material quantity and the spray pattern.

10. Selecting the Spray Setting



WARNING!

Danger of injury! Never pull the trigger guard while adjusting the air cap.

With the union nut (fig. 4, 1) slightly unscrewed, turn the air cap (2) to the desired spray setting position (arrow). Then tighten the union nut.

Fig. 5 A = vertical flat jet → for horizontal surfaces

Fig. 5 B = horizontal flat jet → for vertical surfaces

Fig. 5 C = circular jet → for corners, edges and hard-to-reach surfaces

11. Adjusting the Material Volume (Fig. 6)

Set the material volume by turning the regulator on the rear part of the spray gun. A scale on the regulator serves as a guide.

+ turn to the left → higher material volume

- turn to the right → lower material volume

12. Spray Technique



Please ensure that the processing instructions of the manufacturer of the material are observed.

- The spray result depends heavily on the smoothness and cleanliness of the surface to be sprayed. Therefore the surface should be carefully prepared and kept free of dust.
- Cover all surfaces not to be sprayed.
- It is advisable to test the spray gun on cardboard or a similar surface to find the correct setting.

Important: Begin spraying outside of the target area and avoid interruptions inside the target area.

The spray movement should come from the arm, not just from the wrist. This ensures that a uniform distance is maintained between the spray gun and the spray surface during the spray operation. Select a distance of 5 - 25 cm, depending on the desired spray jet width.

Fig. 7 a: **CORRECT** Even distance to the object.

Fig. 7 b: **INCORRECT** Uneven distance causes uneven coating.

- Move the spray gun evenly cross-wise or up-and-down, depending on the spray pattern setting.
- An even movement of the spray gun results in an even surface quality.
- With many materials, it is necessary to apply them in several layers in order to produce an optimal result (observe the specifications provided by the manufacturer of the material). Allow the layer to dry before continuing.

- When coating material builds up on the nozzle and air cap, clean both parts with a solvent or water.

13. Interruption of Work till 4 Hours

- Turn the machine off.
- Insert the spray gun into the gun holder.
- When processing 2-component varnishes, clean the device immediately.

14. Taking Out of Operation and Cleaning

Proper cleaning is the prerequisite for problem-free operation of the paint application device. No guarantee claims are accepted in case of improper or no cleaning.

- 1) Turn the machine off. Vent the container in case of longer breaks and after the work has been terminated. This can be done by briefly turning open and then closing the container or by pulling the trigger guard and releasing the paint into the original paint container.
- 2) Unscrew the container. Empty any remaining coating material back into the material tin.
- 3) Preclean the container and feed tube with a brush.
- 4) Pour solvent or water into the container. Screw the container back on.
- 5) Turn on the machine.
- 6) When rinsing the gun with solvents, keep a distance of at least 5 m from the device.**
Spray the solvent or water into a container or a cloth.
- 7) Repeat the above procedure until the solvent or water emerging from the nozzle is clear.
- 8) Turn off the machine.
- 9) Unscrew the container and empty it. Pull out the suction tub with container seal.
CAUTION! Never clean seals and nozzle or air holes of the spray gun with metal objects.
- 10) Unscrew the union nut (Fig. 8, 1) and remove the air cap (2) and nozzle (3). Clean the air cap, nozzle seal (4) and nozzle with a brush and solvent or water.
- 11) Clean the outside of the spray gun and container with a cloth soaked in solvent or water.
- 12) Assemble the parts again (see "Assembly").

Assembly

- 1) Push the nozzle seal (fig. 9, 4) over the needle (5); the groove (slot) should point towards you.
- 2) Put the nozzle (fig. 9, 3) onto the gun body (6) and find the correct position by turning it.
- 3) Put the air cap (fig. 8, 2) onto the nozzle (3) and tighten it using the union nut (1).
- 4) Place the container seal (fig. 8, 7) from below on the suction tube (8) and slide it over the collar, while turning the container seal slightly.
- 5) Insert the suction tube with container seal in the gun body.

15. Maintenance

WARNING! Never operate the machine without the air filter; dirt could be sucked in and interfere with the function of the machine. Check the air filter after each use for contaminants. Disconnect plug before changing parts.

- 1) Remove the cover on the air filter. (Fig. 10 and 11).
- 2) Change the air filter if it is soiled.
- 3) Insert a new air filter into the compartment.
- 4) Click the cover back into place at the device.

16. Spare Parts

Spare Parts List (Fig. 12)

Pos.	Name	Order No.
1	Spray Gun incl. 800 ml container	2363 801
	Spray Gun incl. 800 ml container (Australian version)	2357 460
2	Union nut	2361 243
3	Air cap	2355 084
	Air cap (Australian version)	23550 98
4	Nozzle	2361 238
5	Nozzle seal	0417 706
6	Container seal	2361 259
7	Container with cover 800 ml	2363 802
8	Suction tube	2361 264
9	Air hose (12 m)	2355 067
10	Air filter cover	2361 227
11	Air filter	2357 908
	Lubricating grease	2315 539

17. Accessories

Accessories (not included in the delivery)

Name	Order No.
Air hose (12 m) with connector piece	235 5114

Further information about the Earlex range of products is available under www.earlex.co.uk

18. Environmental protection



The device and all accessories and packaging have to be recycled in an environmentally friendly manner. Do not dispose of the appliance with household waste. Support environmental protection by taking the appliance to a local collection point or obtain information from a specialist retailer. Leftover paint and solvents may not be emptied into drains, the sewage system or disposed of as household rubbish. It has to be disposed of separately as special waste. Please pay special attention to the instructions on the product packaging.

19. Important Note regarding Product Liability!

Due to an EC ordinance in effect since 01.01.1990, the manufacturer is liable for his product only if all parts originate from or were approved by the manufacturer and the devices are assembled and operated correctly. The use of other accessories and spare parts can partially or completely invalidate the liability.

20. Correction of Malfunctions

Problem	Cause	Remedy
No coating material emerges from the nozzle	<ul style="list-style-type: none"> • Nozzle clogged • Material volume setting turned too far to the right (-) • No pressure build-up in container • Container empty • Feed tube loose • Feed tube clogged 	<ul style="list-style-type: none"> → Clean → Turn to the left (+) → Tighten container → Refill → Insert → Clean
Coating material drips from the nozzle	<ul style="list-style-type: none"> • Coating material assembly at air cap, nozzle or needle • Nozzle loose • Nozzle seal worn • Nozzle worn 	<ul style="list-style-type: none"> → Clean → Union nut tighten → Change → Change

Problem	Cause	Remedy
Atomisation too coarse	<ul style="list-style-type: none"> • Material volume too large • Material volume setting turned too far to the left (+) • Nozzle contaminated • Viscosity of coating material too high • Too little pressure build-up in container • Air filter heavily soiled 	→ Turn material volume adjusting screw to the right (-) → Clean → Dilute further → Tighten container → Change
Spray jet pulsates	<ul style="list-style-type: none"> • Coating material in container running out • Nozzle seal worn • Air filter heavily soiled 	→ Refill → Replace → Change
Coating material causes "paint tears"	<ul style="list-style-type: none"> • Too much coating material applied • Viscosity of coating material too low 	→ Turn material volume adjusting screw to the right (-)
Too much fog of coating material (Overspray)	<ul style="list-style-type: none"> • Distance to the object too large • Too much coating material applied • Material very thin 	→ Reduce distance → Turn material volume adjusting screw to the right (-) → Dilute less

21. Technical Data

Technical Data	
Max. viscosity:	170 DIN-s
Power source:	230 V~, 50 Hz / 240 V~, 50 Hz
Power consumption:	640 W / 660 W
Atomizing output:	200 W
Max. flow rate:	200 ml/min
Double insulation:	<input type="checkbox"/>
Sound pressure level*:	79 dB (A); Uncertainty K = 4 dB
Sound pressure output*:	92 dB (A); Uncertainty K = 4 dB
Oscillation level*:	< 2.5 m/s ² ; Uncertainty K = 1.5 m/s ²
Air hose length:	12 m
Weight:	approx. 3.7 kg

* Measured in accordance with EN 60745-1

Information about the oscillation level

The specified oscillation level has been measured according to a standard test procedure and can be used to compare against electric tools.

The oscillation level is also for determining an initial assessment of the vibrational strain.

Attention! The vibration emission value can differ from the specified value when the electric tool is actually in use, depending on how the electric tool is being used. It is necessary to specify safety measures to protect the operating personnel. These measures are based on an estimated shutdown during the actual conditions of use (all parts of the operating cycle are taken into consideration here, for example periods when the electric tool is switched off, and, when it is switched on but running without any load).

2 years guarantee

The guarantee runs for two years, counting from the date of sale (sales slip). It covers and is restricted to free-of-charge rectification of faults which are demonstrably attributable to the use of faulty materials in manufacture, or assembly errors; or free-of-charge replacement of the defective parts. The guarantee does not cover incorrect use or commissioning or fitting or repair work which is not stated in our operating instructions. Wearing parts are also excluded from the guarantee. The guarantee excludes commercial use. We expressly reserve the right to fulfil the guarantee. The guarantee expires if the tool is opened up by persons other than **Earlex** service personnel. Transport damage, maintenance work and loss and damage due to faulty maintenance work are not covered by the guarantee. Under any guarantee claim, there must be proof of purchase of the tool through submission of the original receipt. Wherever legally possible, we exclude all liability for injury, damage or consequential loss, especially if the tool has been used for a purpose other than that stated in the operating instructions, commissioned or repaired other than in accordance with our operating instructions or if repairs are performed by someone who is unqualified. We reserve the right to perform any repairs in excess of those stated in our operating instructions. In case of guarantee or repair, please refer to your point of sale.

Warning

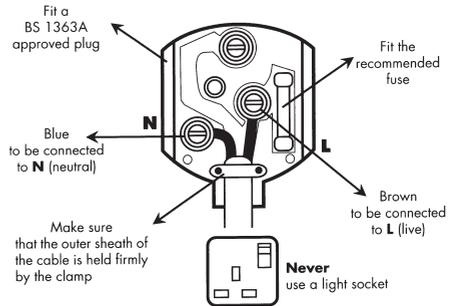
If the supply cord of this appliance is damaged, it must only be replaced by a repair shop appointed by the manufacturer, because special purpose tools are required to avoid a safety hazard.

Warning: Do not connect the blue or brown wire to the earth terminal of the plug! The wires in this supply cord are coloured in accordance with the following code:

blue = neutral **brown** = live

As the colours of the wires in the supply cord of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

- Should the moulded plug have to be replaced, never reuse the defective plug or attempt to plug it into a different 13 A socket-outlet. This could result in an electric shock.
- Should it be necessary to exchange the fuse in the plug only use a 5A fuse approved by ASTA in accordance with BS 1362.
- To ensure that the fuse and fuse carrier are correctly mounted please observe the provided markings or colour coding in the plug.
- After changing the fuse, always make sure that the fuse carrier is correctly inserted. Without the fuse carrier, it is not permissible to use the plug.
- The correct fuses and fuse carriers are available from your local electrical supplies stockist.



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