

ATOMEX™

HSP-10

Airless Sprayer



INSTRUCTION MANUAL



HSP1001M

WWW.ATOMEX.COM.AU



Contents

- ※Important safety instructions
- ※Warnings
- ※Component Identification
- ※Technical Data
- ※Operation instruction
- ※Airless Sprayer Cleaning Procedure
- ※Pressure release procedure
- ※Daily Maintain
- ※General Repair Information
- ※Trouble shooting
- ※Exploding Draw & Spare Part List
- ※Installation Drawing



※Important safety instructions

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

WARNING – When using tools, basic precautions should always be followed, including the following:

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

WARNING – When using tools, basic precautions should always be followed, including the following:

- a) **SAVE THESE INSTRUCTIONS**-To reduce the risks of fire or explosion, electrical shock and injury to persons, read and understand all instructions included in this manual. Be familiar with the controls and the proper usage of the equipment.
- b) **WARNING**-To reduce the risk of fire or explosion:
 - 1) Do not spray flammable or combustible materials near an open flame or sources of ignition such as cigarettes, motors, and electrical equipment.
 - 2) For units intended for use with only water-based materials-Do not spray or clean with flammable liquids. For use with water-based liquids only.
 - 3) For units intended for use with only water-based or mineral spirit-type materials with a minimum flash point of 21C° (69.8 F°) Do not spray or clean with liquids having a flash point less than 21C° (69.8 F°)
 - 4) Paint or solvent flowing through the equipment is able to result in static electricity. Static electricity creates a risk of fire or explosion in the presence of paint or solvent fumes. All parts of the spray system, including the pump, hose assembly, spray gun, and objects in and around the spray area shall be properly grounded to protect against static discharge and sparks. Use only conductive or grounded high-pressure airless paint sprayer hoses specified by the manufacturer.
 - 5) Verify that all containers and collection systems are grounded to prevent static discharge.
 - 6) Connect to a grounded outlet and use grounded extension cords. Do not use a 3 to 2 adapter.
 - 7) Do not use a paint or a solvent containing halogenated hydrocarbons. See operating instructions for examples of these types of materials.
 - 8) Keep spray area well ventilated. Keep a good supply of fresh air moving through the area. Keep pump assembly in a well ventilated area. Do not spray pump assembly.
 - 9) Do not smoke in the spray area.
 - 10) Do not operate light switches, engines, or similar spark producing products in the spray area.
 - 11) Keep area clean and free of paint or solvent containers, rags, and other flammable materials.
 - 12) Know the contents of the paints and solvents being sprayed. Read all Material safety Data Sheets (MSDS) and container labels provided with the paints and solvents. Follow the paint and solvent manufacturer's safety instructions.
 - 13) Fire extinguisher equipment shall be present and working.
- c) **WARNING**-To reduce the risk of skin injection.



- 1) Do not aim the gun at, or spray any person or animal.
- 2) Keep hands and other body parts away from the discharge. For example, do not try to stop leaks with any part of the body.
- 3) Always use the nozzle tip guard. Do not spray without nozzle tip guard in place.
- 4) Only use a nozzle tip specified by the manufacturer.
- 5) Use caution when cleaning and changing nozzle tips. In the case where the nozzle tip clogs while spraying, follow the manufacturer's instructions for turning off the unit and relieving the pressure before removing the nozzle tip to clean.
- 6) Do not leave the unit energized or under pressure while unattended. When the unit is not in use, turn off the unit and relieve the pressure in accordance with the manufacturer's instructions.
- 7) High-pressure spray is able to inject toxins into the body and cause serious bodily injury. In the event that injection occurs, seek medical attention immediately.
- 8) Check hose and parts for signs of damage. Replace and damaged hoses or parts.
- 9) This system is capable of producing 20.7Mpa. Only use replacement parts or accessories that are specified by the manufacturer and that are rated a minimum of 22.8Mpa.
- 10) Always engage the trigger lock when not spraying. Verify the trigger lock is functioning properly.
- 11) Verify that all connections are secure before operating the unit.
- 12) Know how to stop the unit and bleed pressure quickly. Be thoroughly familiar with the controls.
- d) WARNING-To reduce the risk of injury.
 - 1) Always wear appropriate gloves, eye protection, and a respirator or mask when painting.
 - 2) Do not operate or spray near children. Keep children away from equipment at all times.
 - 3) Do not overreach or stand on an unstable support. Keep effective footing and balance at all times.
 - 4) Stay alert and watch what you are doing.
 - 5) Do not operate the unit when fatigued or under the influence of drugs or alcohol.
 - 6) Do not kink or over-bend the hose.
 - 7) Do not expose the hose to temperatures or to pressures in excess of those specified by the manufacturer.
 - 8) Do not use the hose as a strength member to pull or lift the equipment.
 - 9) The Max. pressure of the air hose is 22.8Mpa, the normal pressure is 20.7Mpa
 - 10) The paint can be compatible: phenol aldehyde paint series, nitryl paint series, alkyd paint series, epoxy resin paint series, oxidized rubber paint series, latex paint series, water soluble paint series. The paint should be put in shade and dry place.
 - 11) Be aware of any hazards presented by the material being sprayed and consult the markings on the container or information supplied by the manufacturer of the material to be sprayed, including requirements for the use of personal protective equipment.
 - 12) Do not spray any material where the hazard is not known.

※Warnings

The following warnings are for the setup, use, grounding, maintenance and repair of this equipment. The exclamation point symbol alerts you to a general warning and the hazard symbol refers to procedure-specific risks. Refer back to these warnings. Additional, product-specific warnings may be found throughout the body of this manual where applicable.

	FIRE AND EXPLOSION HAZARD Flammable fumes, such as solvent and paint fumes, in work area can ignite or explode. To help prevent fire and explosion: • Use equipment only in well ventilated area. • Eliminate all ignition sources; such as pilot lights, cigarettes, portable electric lamps, and plastic drop cloths (potential static arc). • Sprayer generates sparks. When flammable liquid is used in or near the sprayer or for flushing or cleaning, keep sprayer at least 20 feet (6 m) away from explosive vapors. • Keep work area free of debris, including solvent, rags and gasoline. • Do not plug or unplug power cords or turn lights on or off when flammable fumes are present. • Ground equipment and conductive objects in work area. Read Grounding instructions. • If there is static sparking or you feel a shock, stop operation immediately. Do not use equipment until you identify and correct the problem. • Keep a working fire extinguisher in the work area.
	ELECTRIC SHOCK HAZARD Improper grounding, setup, or usage of the system can cause electric shock. • Turn off and disconnect power cord before servicing equipment. • Use only grounded electrical outlets. • Use only 3-wire extension cords. • Ensure ground prongs are intact on sprayer and extension cords. • Do not expose to rain. Store indoors.
	SKIN INJECTION HAZARD High-pressure fluid from gun, hose leaks, or ruptured components will pierce skin. This may look like just a cut, but it is a serious injury that can result in amputation. Get immediate surgical treatment. • Do not point gun at anyone or at any part of the body. • Do not put your hand over the spray tip. • Do not stop or deflect leaks with your hand, body, glove, or rag. • Engage trigger lock when not spraying. • Follow Pressure Relief Procedure in this manual, when you stop spraying and before cleaning, checking, or servicing equipment.

WARNING



EQUIPMENT MISUSE HAZARD

Misuse can cause death or serious injury.

- Do not exceed the maximum working pressure or temperature rating of the lowest rated system component. Read **Technical Data** in all equipment manuals.
- Use fluids and solvents that are compatible with equipment wetted parts. Read **Technical Data** in all equipment manuals. Read fluid and solvent manufacturer's warnings. For complete information about your material, request MSDS from distributor or retailer.
- Check equipment daily. Repair or replace worn or damaged parts immediately with manufactory replacement parts only.
- Do not alter or modify equipment.
- Use equipment only for its intended purpose. Call your distributor for information.
- Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces.
- Do not kink or over bend hoses or use hoses to pull equipment.
- Comply with all applicable safety regulations.
- Keep children and animals away from work area.
- Do not operate the equipment when fatigued or under the influence of drugs or alcohol.



PRESSURIZED ALUMINUM PARTS HAZARD

Do not use 1, 1, 1-trichloroethane, ethylene chloride, other halogenated hydrocarbon solvents or fluids

containing such solvents in pressurized aluminum equipment. Such use can cause serious chemical

Reaction and equipment rupture, and result in death, serious injury, and property damage.



BURN HAZARD

Equipment surfaces can become very hot during operation. To avoid severe burns, do not touch hot equipment. Wait until equipment has cooled completely.



MOVING PARTS HAZARD

Moving parts can pinch or amputate fingers and other body parts.

- Keep clear of moving parts.
- Do not operate equipment with protective guards or covers removed.
- Pressurized equipment can start without warning. Before checking, moving, or servicing equipment, follow the Pressure Relief Procedure in this manual. Disconnect power or air supply.



TOXIC FLUID OR FUMES HAZARD

Toxic fluids or fumes can cause serious injury or death if splashed in the eyes or on skin, inhaled, or swallowed.

- Read warnings to know the specific hazards of the fluids you are using.
- Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines.



PERSONAL PROTECTIVE EQUIPMENT



You must wear appropriate protective equipment when operating, servicing, or when in the operating area of the equipment to help protect you from serious injury, including eye injury, inhalation of toxic fumes, burns, and hearing loss. This equipment includes but is not limited to:

- Protective eye wear
- Clothing and respirator as recommended by the fluid and solvent manufacturer
- Gloves
- Hearing protection

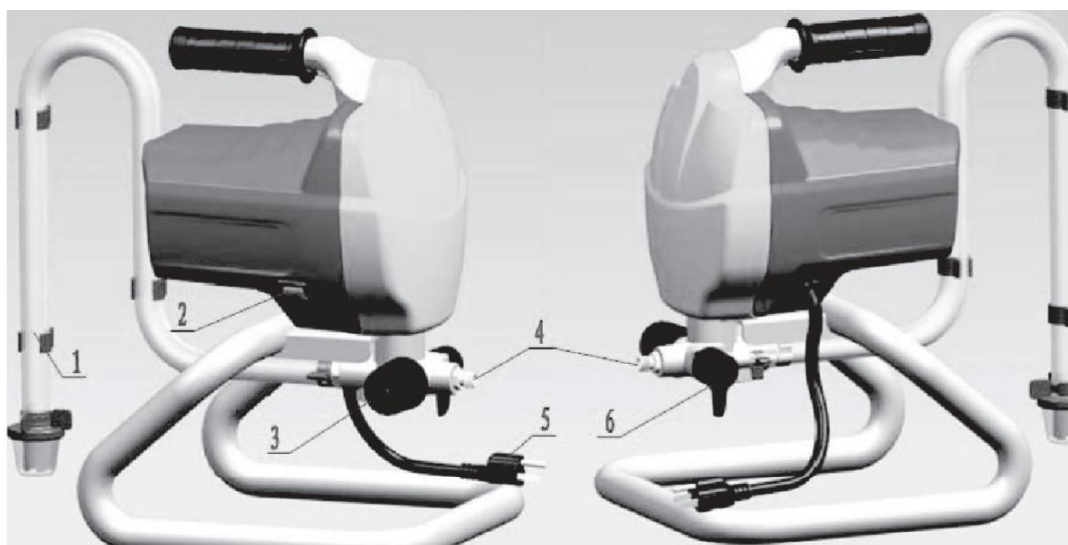
Special Focus

- A) Forbidden use of machines which are not designed for potentially explosive atmospheres
- B) Use of electrostatic atomizing and spraying equipment with machines not specially designed for this equipment, because it may result in serious hazards for the operators
- C) Hazards resulting from contact with and/or breathing of toxic materials, gases, mists and vapours which may be created by operation of the machine. Such warnings shall also include such regarding the use of personal protective equipment and reminding the user to be aware of the recommendations of the coating material manufacturer;
- D) Surface temperatures of any part of the machine, reachable during normal operation, maintenance and servicing but not normally in contact with the human body, which can exceed 48°C or be less than 0°C.
- E) Pressurised coating material and /or compressed air not to be directed towards persons or animals;
- F) Relating to training for the safe operation, adjustment, cleaning and maintenance of the machine;
- G) Regarding any special earthing measures;
- H) Stating that a list of the materials used in the construction of the machine will be made available on request to validate the compatibility with the coating materials being used;
- I) Regarding the requirements of using the machine only in a well ventilated area with regards to health, fire and explosion risks;
- J) Regarding the visually inspection for damage on hoses which may be subjected to friction
- K) Requirements for environmental protection to be observed
- L) Reduce the quantity of coating and/or auxiliary materials at workplaces to a minimum

Special Attention:

- a) Maximum allowable pressure for the coating material..... 20.7 Mpa (3000psi)
- b) Typical coating material flow rate for sample conditions: 1.09L/Min
- c) Type and use of any safety devices in the machine:
 - 1. Temperature control device 2. Maximum pressure control device
 - 3. Maximum electrical current control device
 - 4. Creepage protect control device
 - 5. Hand-hurt protect device

※Component Identification



NO.	Name	Function
1	Paint Inlet	Paint Inlet, Pressure release paint outflow here
2	Power On/Off	On/off control (“1” On, “O” Off)
3	Adjustable knob	Adjust pressure
4	Paint outlet	Paint outlet part (1/4" — 18NPSM)
5	Attaching Plug	Connect to power Plug
6	Pressure release Plug	Turn the plug in vertical direction to release pressure
7	High pressure gun	
8	High pressure hose	



※Technical Data

Input Power	650W
Power Requirement	220 ± 10% (V)
Voltage/Frequency	50Hz
Working Current	4.0~7.5A
Max working pressure	20.5 ± 0.7MPa (3300Psi)
Maximum delivery(lpm)	1.09 ± 10%L/min
Standard Nozzle	415
Outlet Paint Connector	1/4-18NPSM
Hose Max Pressure/length	3300PSI/7.6m
Weight	6.5Kg
Temperature	5~40°C
Function	For domestic DIY painting applications using water based, acrylic or oil based paints. Not recommended for commercial applications or two-pack, roof membrane or anti-fouling types of paint.

※Operation instruction

Setup



WARNING

Make sure sprayer is turned off and unplugged from power source.

Connect Gun to Sprayer

1. Connect supply hose to sprayer fluid outlet.
2. Connect other end of supply hose to gun swivel. Use wrenches to tighten all connections securely.

Installing tip and guard on gun



WARNING

1. If equipment has recently been operated, Relieve pressure. Set trigger lock
2. Using a pencil or similar object, Insert seal into back of guard.
3. Install guard over end of gun
4. Insert tip in guard. Tighten retaining nut.

Operation

Spraying

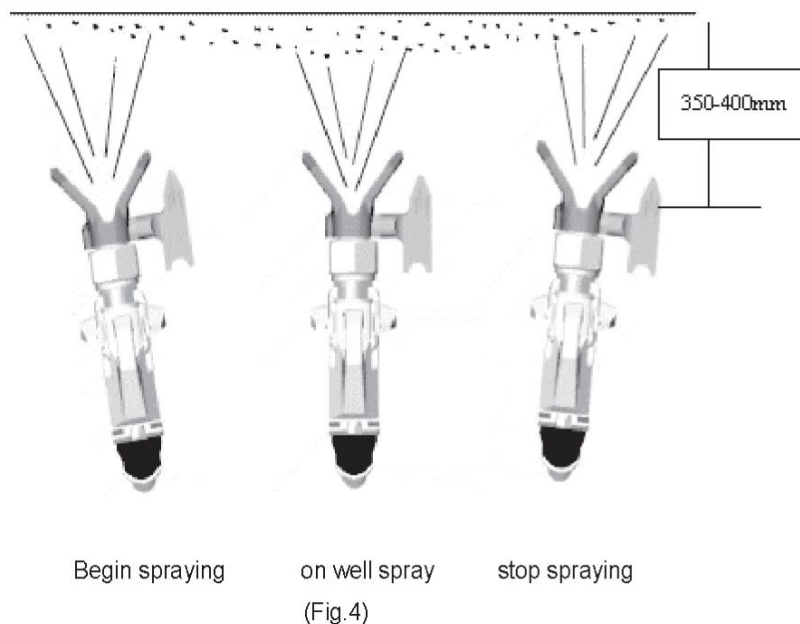
1. Unlock trigger lock
2. Be sure the tip faces forward spray.
3. Hold gun perpendicular and approximately 12 inches (304mm) from surface. Move gun first, Then pull gun trigger to spray a test pattern.
4. Slowly increase pump pressure until coverage is uniform

Aligning Spray

1. Relieve pressure. Set trigger lock
2. Loosen guard Horizontal Vertical retaining nut
3. Align guard horizontally to spray a horizontal pattern.
4. Align guard vertically to spray a vertical pattern.

Spray instruction

1. During paint spraying, hold the gun upright to the surface of paint-object and keep a constant spraying distance of 350~400mm. (Fig.4)
2. Move gun before starting the trigger. Equally move gun when spraying. At last, loosen the trigger and stop moving immediately. Adjust moving speed according to thickness of paint, spray pressure and the distance of gun to object.
3. In order to get an intact and slick surface, spray from level and vertical respectively. Spraying time will be variable with different paints. Spray for second time when the first painting is dry.



4. During your spraying if you need to stop for several minutes, loosen the pressure valve and revolve prime valve in counter-clockwise, then shut the motor. Put spraying tip into solution in case of paint block-up in the spraying tip.

※Airless Sprayer Cleaning Procedure

When spraying tip is block-up, revolve it 180 degree for several times, then move back in position of well-spraying.



spraying position



washing position

Step 1: Engage trigger safety lock on gun. Revolve 180 degree

Step 2: Turn off pump and release fluid pressure by turning the pressure relief prime valve located on the engage trigger safety lock on gun. side of the pump down.

Step 3: Engage trigger safety lock on gun, Revolve 180 degree then open the safety lock

※Pressure release procedure

Whenever instructed to relieve pressure, Stop spraying, Check or service equipment or install or clean spray tip.

1. Engage trigger safety lock on gun. Turn Off power and turn sprayer pressure control to lowest pressure setting.
2. Hold gun against side of flushing pail. Trigger gun into pail to relieve pressure.
3. Turn off pump and release fluid pressure by turning the pressure relief prime valve located on the side of the pump down.



(Pressure release)



(Working condition)

※Daily Maintain

The following aspects should be followed:

1. Read the manual carefully before operating.
2. Check the electrical cord for any damage or cuts.
3. Clean the equipment and accessories thoroughly after using.
4. Coil the hose after cleaning to prevent kinking.
5. Use ATOMEX pump saver for long term storage.

※General Repair Information

			
---	---	---	--



			
Flammable materials spilled on hot, bare, motor could cause fire or explosion. To reduce risk of burns, fire or explosion, do not operate sprayer with cover removed.			

- Keep all screws, nuts, washers, gaskets, and electrical fittings removed during repair procedures. These parts usually are not provided with replacement kits.
- Test repairs after problems are corrected.
- If sprayer does not operate properly, review repair procedure to verify you did it correctly. See **Troubleshooting**,
- Do not operate the sprayer without the motor shroud in place. Replace if damaged. Motor shroud directs cooling air around motor to prevent overheating and insulates the control board from accidental electric shock.

			
To reduce risk of serious injury, including electric shock: • Do not touch moving or electric parts with fingers or tools while testing repair. • Unplug sprayer when power is not required for testing. • Install all covers, gaskets, screws and washers before you operate sprayer.			
CAUTION			



- Do not run sprayer dry for more than 30 seconds. Doing so could damage pump packings.
- Protect the internal drive parts of this sprayer from water. Openings in the cover allow for air cooling of the mechanical parts and electronics inside. If water gets in these openings, the sprayer could malfunction or be permanently damaged.
- Prevent pump corrosion and damage from freezing. Never leave water or water-base paint in sprayer when its not in use in cold weather. Freezing fluids can seriously damage sprayer. Store sprayer with Pump Armor to protect sprayer during storage.

※Trouble shooting

Common Problem of Equipment

Problem	What To Check <i>(If check is OK, go to next check)</i>	What To Do <i>(When check is not OK, refer to this column)</i>
Motor Won't Operate		
Basic Fluid Pressure	1. Pressure control knob setting. Motor will not run if set at minimum (fully counter-clockwise).	1.Slowly increase pressure setting to see if motor starts
	2. Spray tip or fluid filter may be clogged.	2.Relieve pressure ,then Then clear clog or clean gun filter
Basic Mechanical	1. Pump frozen or hardened paint	1.Thaw sprayer if water or water-based paint has frozen in sprayer. Place sprayer in warm area to thaw. Do not start sprayer until thawed completely. If paint hardened (dried) in sprayer, replace pump packings.
	2. Displacement pump connecting rod pin. Pin must be completely pushed into connecting rod and retaining spring must be firmly in groove or pump pin.	2. Push pin into place and secure with spring retainer.
	3. Motor. Remove drive housing assembly.	3. Replace motor if fan won't turn.

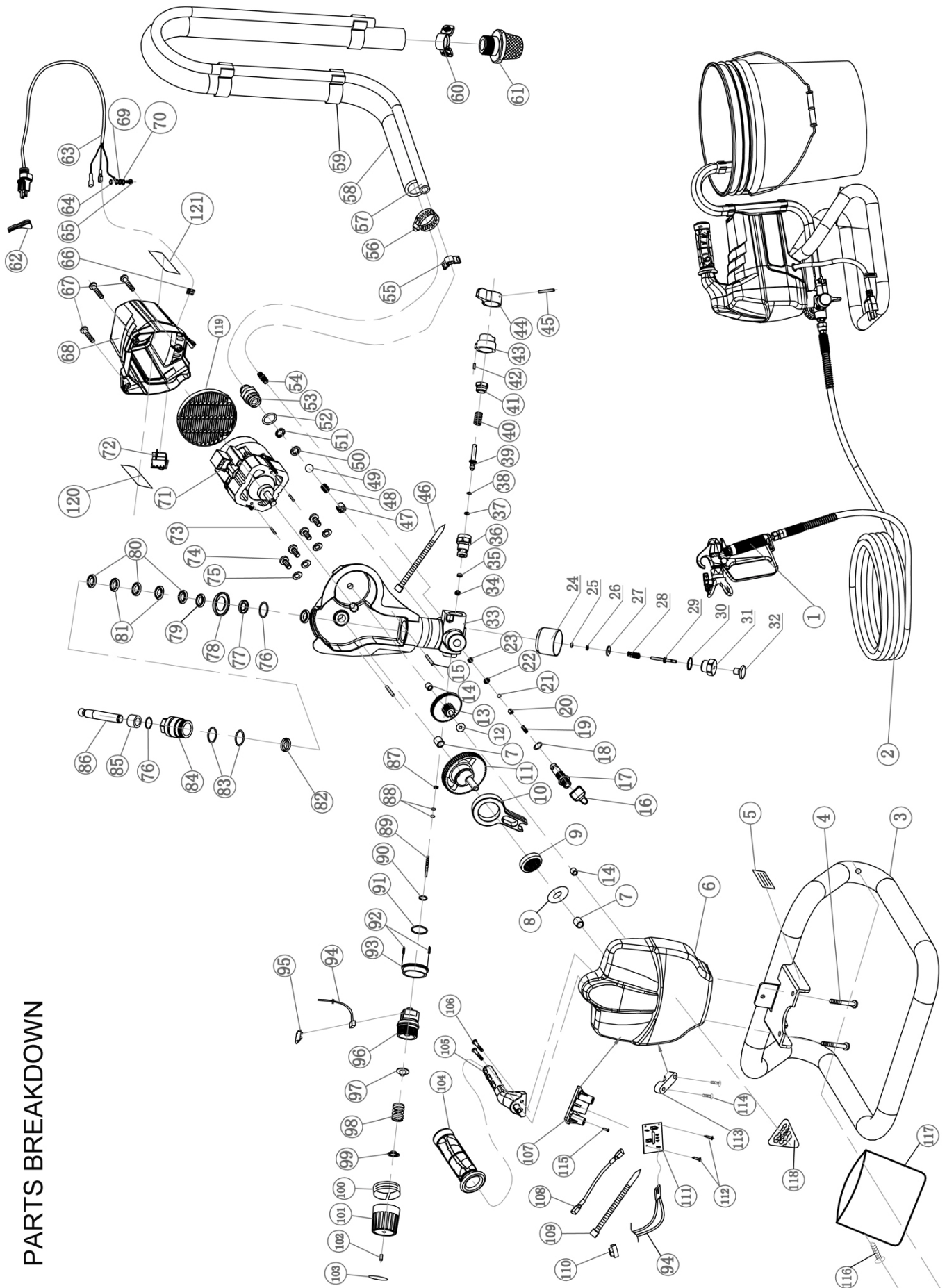


HSP-10 Airless Sprayer

Release the paint line pressure and switch off the power before changing accessories or starting any maintenance.

Problem	What To Check <i>(If check is OK, go to next check)</i>	What To Do <i>(When check is not OK, refer to this column)</i>
Low Output	1. Worn spray tip.	1. Relieve pressure, Replace tip
	2. Verify pump does not continue to stroke when gun trigger is released.	2. Service pump.
	3. Prime valve leaking.	3. Relieve pressure, Then repair prime valve.
	4. Suction tube connections	4. Tighten any loose connections. Check o-ring on suction tube.
	5. Electric supply with volt meter. Meter must read 220-240 Vac. Low voltages reduce sprayer performance.	5. Reset building circuit breaker; replace building fuse. Repair electrical outlet or try another outlet.
	6. Extension cord size and length.	6. Replace with a correct, grounded extension cord.
	7. Leads from motor to circuit board for damaged or loose wire connectors. Inspect wiring insulation and terminals for signs of overheating.	7. Be sure male terminal pins are centered and firmly connected to female terminals. Replace any loose terminals or damaged wiring. Securely reconnect terminals.
	8. Worn motor brushes which must be greater than 1/4 in. (6 mm).	8. Replace brushes.
	9. Motor brushes binding in brush holders.	9. Clean brush holders. Remove carbon dust by using compressed air to blow out brush dust.
	10. Low stall pressure. Turn pressure control knob fully clockwise.	10. Replace pressure control assembly.
	11. Motor armature for shorts by using an armature tester (growler) or perform spin test,	11. Replace motor
Pumps Builds Pressure But Will Not Spray	Check if tip is blocked.	Reverse tip to clean blockage. Refer to page 12.

PARTS BREAKDOWN





HSP-10 Airless Sprayer

Release the paint line pressure and switch off the power before changing accessories or starting any maintenance.

PARTS LIST

Item No.	Part No.	Description	Item No.	Part No.	Description	Item No.	Part No.	Description
1	AX/HSP-10-001	High pressure spray gun			Spring Seat			Copper Washer
2	AX/HSP-10-002	High Pressure Air Hose(7.6m)			Pin 3x8			O-ring 22.5X1.8
3	AX/HSP-10-003	Base Frame						Piston rod screw
4	AX/HSP-10-004	Screw M6x14			Control valve Seat			Guide Copper bush
5	AX/HSP-10-005	Pressure Relief Valve Label			prime/spray valve			Piston
6	AX/HSP-10-006	Housing Cover	46	AX/HSP-10-046	Pin A2 5X25	86 to 102 (Kit)	AX/HSP-10-086	Lock Sleeve
7	AX/HSP-10-007	Big Copper Bush	47 to 54 (Kit)	AX/HSP-10-047	Nylon Rope 3.7x200			White seal
8	AX/HSP-10-008	Retainer ring			Spring Holder For Paint Inlet			seitch lever
9 to 10 (Kit)	AX/HSP-10-009	Rolling Bearing			Paint Input Spring			O-ring 8.8X1.9
11 to 12 (Kit)	AX/HSP-10-011	Connecting Rod			Paint Input Seat			O-ring 27X2.4
		Gear Ass'y			Paint Input Seat Washer			Screw M3X10
14 to 15 (Kit)	AX/HSP-10-013	Gear washer			O-ring 17x1.8			Cap
		Output gear bushing			Paint Input Adaptor			Micro Switch
15	AX/HSP-10-015	Middle gear bushing			Pressure relief tube			Micro Switch Cover
16 to 23 (Kit)	AX/HSP-10-016	Pin 5x12	55 to 60 (Kit)	AX/HSP-10-055	Lock ring components			adjustable seat
		Screw Thread Rubber			Hose clam (16-25)			Deflating Cap
		Paint Output Seat			pressure relief Tube			Pressure Control Spring
		O-ring 10x1.8			Input tube			spring pusher
		Output Spring			Clip			pressure control label
		Mandril			Inlet Pipe Lock Ring			Adjustable Sleeve
		Steel Ball	61	AX/HSP-10-061	Suction Filter			Pressure control bolt
		Seal Seat	62	AX/HSP-10-062	Wire Label			Label
		Output Washer	63	AX/HSP-10-063	Power Plug	103	AX/HSP-10-103	Rubber Handle
24-32 (Kit)	AX/HSP-10-024	Shield	64	AX/HSP-10-064	Washer d=4.3	104	AX/HSP-10-104	Handle
		O-ring 2.4x1.8	65	AX/HSP-10-065	Screw M4X8	105	AX/HSP-10-105	Hex bolt
		Retainer ring	66	AX/HSP-10-066	Power Supply Seat	106	AX/HSP-10-106	PCB supporter
		copper washer	67	AX/HSP-10-067	Screw M6X10	107	AX/HSP-10-107	Connector
		spring for plunger	68	AX/HSP-10-068	Housing	108	AX/HSP-10-108	Cable Tie
		the plunger pole	69	AX/HSP-10-069	Spring Washer d=4	109	AX/HSP-10-109	Terminal
		o-ring 10x105	70	AX/HSP-10-070	washer d=4	110	AX/HSP-10-110	PCB Ass'y
		plunger seat	71	AX/HSP-10-071	Motor Ass'y	111	AX/HSP-10-111	Hex bolt
		plunger handle	72	AX/HSP-10-072	Power Switch	112	AX/HSP-10-112	Base board
33	AX/HSP-10-033	Pump Body	73	AX/HSP-10-073	Pin 3X12	113	AX/HSP-10-113	Screw M4*20
34 to 45 (Kit)	AX/HSP-10-034	Plastic Washer	74	AX/HSP-10-074	Hex bolt M5X14	114	AX/HSP-10-114	Screw M4*14
		Inser Block	75	AX/HSP-10-075	Washer d=5.0	115	AX/HSP-10-115	Screw M5*20
		Pressure relief valve	76 to 85 (Kit)	AX/HSP-10-076	O-ring 12.5*2.65	116	AX/HSP-10-116	Plastic cup
		Plastic Ring			Retainer ring	117	AX/HSP-10-117	Warning Label
		O-ring 5x1.8			Pistion stopper	118	AX/HSP-10-118	Shutter exhaust cover
		Pressure Relief Pole Ass'y			White Seal	119	AX/HSP-10-119	Warning Label 1
		Pressure Relief Spring			Black Seal	120	AX/HSP-10-120	Warning Label 2



HSP-10 Airless Sprayer

Release the paint line pressure and switch off the power before changing accessories or starting any maintenance.



INSTRUCTIONS

This manual contains important warnings and information. Read and keep for reference.

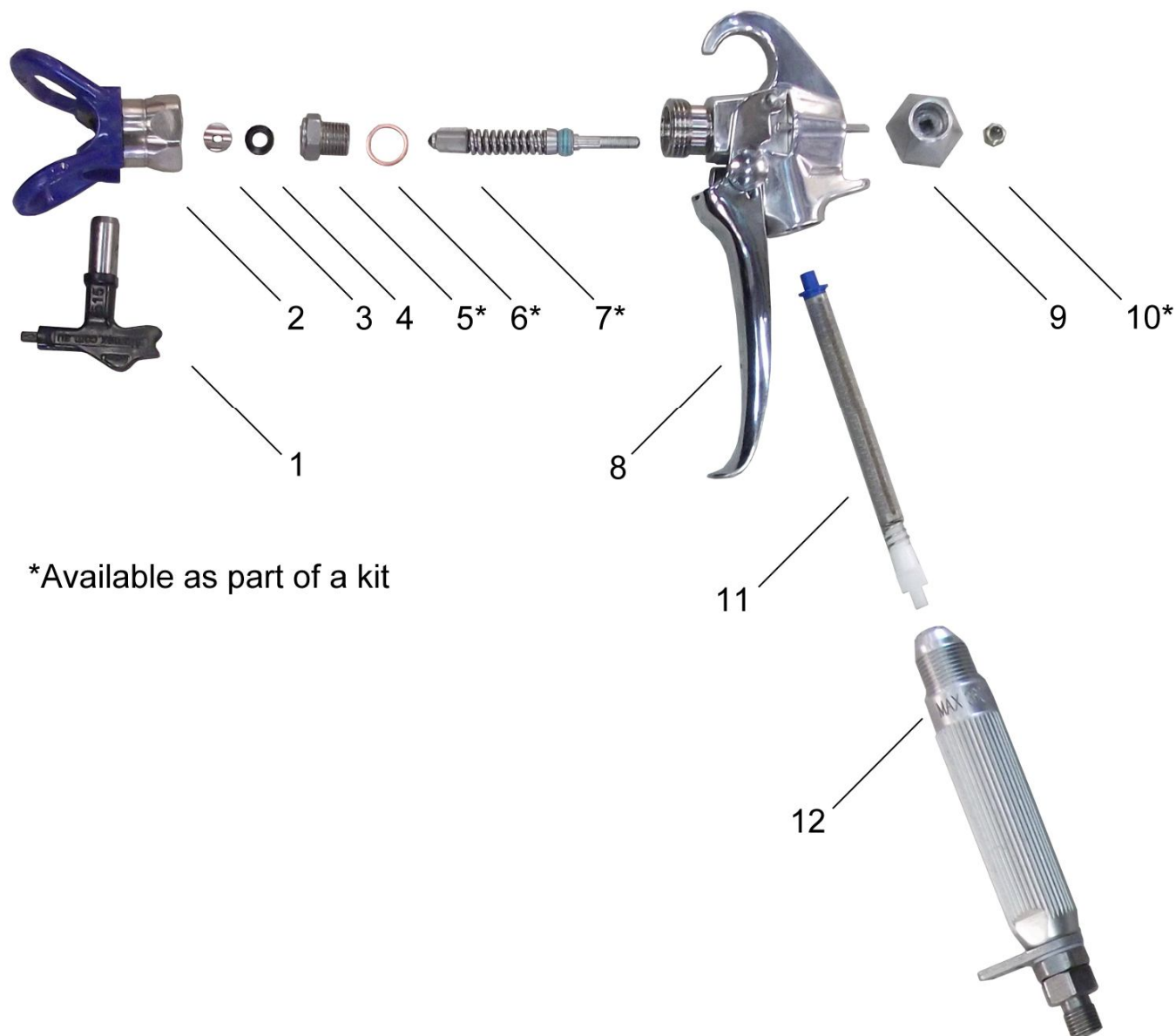
HSP-10-001 Airless Spray Gun

3600 psi (24.8 MPa, 248 bar) Maximum Working Pressure



⚠ WARNING	
	FIRE AND EXPLOSION HAZARD Solvent and paint fumes can ignite or explode. To help prevent a fire or explosion • Use outdoors or in a well ventilated area • Avoid all ignition sources such as static electricity from plastic drop cloths, open flames such as pilot lights, hot objects such as cigarettes, and arcs from connecting or disconnecting power cords and turning light switches off or on. • Tape wall switches to prevent them from being turned off or on. • Use only or Graco airless paint hoses. • Ground sprayer, objects being sprayed, and paint/solvent pails. • Hold metal part of gun firmly to side of a grounded metal pail when triggering into pail. • Do not use 1,1,1-Trichloroethane, methylene chloride or other halogenated hydrocarbon solvents or fluids containing such solvents in this gun or any other pressurized aluminum equipment. Such use could result in a chemical reaction and an explosion.
	FLUID INJECTION HAZARD High-pressure spray or leaks can inject fluid into the body. If high-pressure fluid pierces your skin, the injury might look like "just a cut," but it is a serious wound. Get immediate medical attention. To help prevent injection • Always put gun trigger safety in SAFETY ON position when not spraying. • Always relieve pressure before you check or repair leaks and when you stop spraying. • Never use components rated less than system <i>Maximum Working Pressure</i>. • Never allow children to use this gun. • Never point gun at yourself or anyone else.
	FLUID SPLASHBACK HAZARD To avoid splashback of fluid while spraying, make sure the spray gun is assembled with the correct gasket for the fluid being sprayed. See Installing the Tip on page 4. RECOIL HAZARD Brace yourself. The gun may recoil when triggered.

HSP-10-001 Airless Spray Gun Breakdown & Parts List



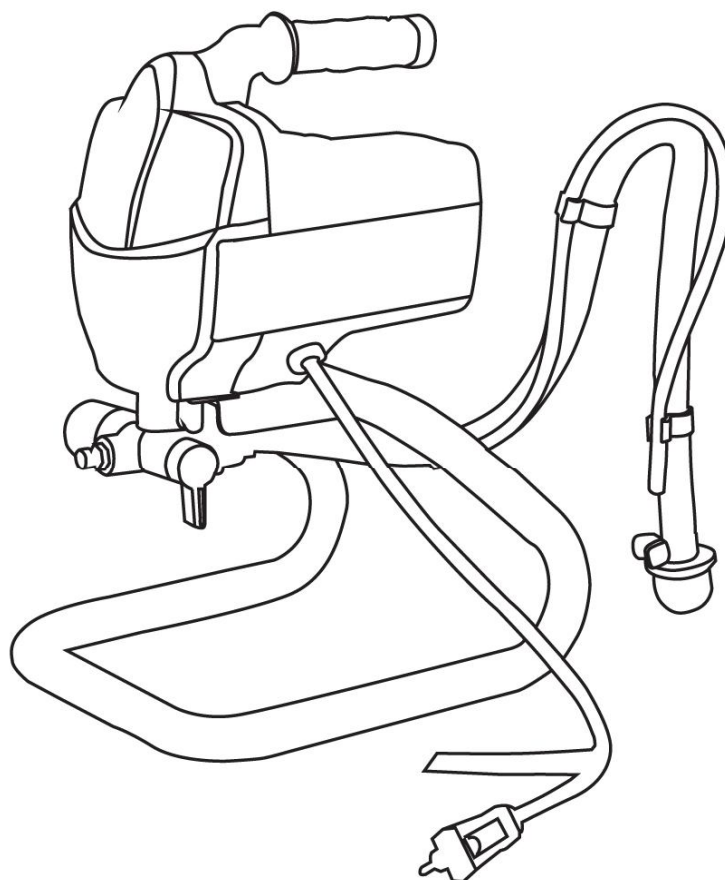
*Available as part of a kit

1	AX/00-100-415	X-35 Economy Rev.Tip 415
2	AX/01-300-500	X-50 5000psi Tip Guard 7/8" G Blue
3	AX/01-100-002	X-Series Tip Saddle Only
4	AX/01-100-001	X-Series Tip Seal Only
5	AX/G218-070A	HSP-10-001 Gun Repair Kit (Includes Items 5,6,7 & 10)
8	AX/HSP-10-001A	HSP-10-001 Gun Body
9	AX/HSP-10-001B	HSP-10-001 Retaining Block
11	AX/G218-131	Gun Filter Assembly - Coarse 50 Mesh
12	AX/HSP-10-001C	HSP-10-001 Gun Handle & Swivel



HSP-10 Airless Sprayer

Release the paint line pressure and switch off the power before changing accessories or starting any maintenance.



29 Carlingford Rd
Regents Park NSW 2141
Australia

Tel: 02 9644 1040
www.atomex.com.au