FPRO AIRSPRAY
PREVENTATIVE MAINTENANCE

SAMES KREMLIN

www.sames-kremlin.com

FPRO SPRAY GUN - ALL VERSIONS

SAFETY INSTRUCTIONS:
- Never try to stop the spray fan with any part of the body (hands, fingers, etc) or with rags.
- The operator will need medical attention if the high pressure material spray is in contact with the body (eyes, fingers, etc).
- Always lock the gun trigger with the safety device when not operating the gun.
- Always depressurize air and hoses before carrying out any servicing on the gun.

- **In order to protect the operator, protective clothing (gloves, respirator mask, glasses, hearing protective earplug, clothes, etc) are required.**
- **Use the equipment in a properly ventilated area.**

This spray gun is a precision tool. Its correct functioning requires regular maintenance, carried out with care. When properly maintained directly after use, the cleaning of the gun is faster and easier.

- **Never use metallic brushes, files or pliers when dismantling the gun.**

Before any action on the gun:
- Shut off the compressed air supply
- Depressurize the systems by triggering the gun

Do not use fluid which would quickly clog the nozzle. Air supply should be clean.

SHORT DURATION SHUTDOWN (LESS THAN 3 HOURS)
Leave the equipment as it is. In any case, if the aircap becomes a little clogged with material, it is best to clean it with a brush and some solvent.

LONG DURATION SHUTDOWN
- Shut off the gun air and fluid supply.
- Change material with solvent and trigger the gun to depressurize the hoses and flush the pump, the hoses and the gun.
- Unscrew the air cap. Remove the needle and then remove the fluid nozzle with the wrench provided. Soak the needle, aircap, fluid nozzle in solvent and brush them carefully, as they are precision parts.
- With a brush soaked in solvent, clean the internal parts of the gun. Wash and carefully brush the threated parts.
- If a cup fits the gun, put a cover on the cup to prevent from the paint drying. If not, empty out the paint and replace it with solvent. Clean the inside and outside part of the cup with a brush soaked in solvent.
- **Do not soak the gun in solvent.**
- **Use only products or solvent compatible with the parts in contact with the material (refer to data sheet of the material manufacturer).**

MAINTENANCE SCHEDULE	FREQUENCY					
	D	W	M	Q	H	Y
GENERAL						
Check earthings	X					
Check leakage from the fittings		X				
Check hoses			X			
Operate valves			X			
GUN						
Clean the outside of the spray nozzle with a soft brush and solvent	X					
Flush the spray gun	X					
When the spraying system will not be used for an extended period of time, take the nozzle off and immerse it in a solvent-filled container	X					
Remove the air valve, clean it if necessary; grease it and the spring before assembling			X			
Change the air valve; grease it and the spring before assembling						X
Remove the needle, the rear line, and the complete air valve. Clean and grease the parts before assembling			X			
Remove the gun, clean the parts, change the seals, and the defective parts. Grease them before assembling (refer to seal kit and servicing kit)						X

D = Daily
W = Weekly
M = Monthly
Q = Quarterly
H = Half-yearly
Y = Yearly

PLEASE NOTE: Frequencies are given as a clue. They must be adapted by the maintenance service of the user for every installation according to the product the working cadence and the working pressure.

Apply Your Skills

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