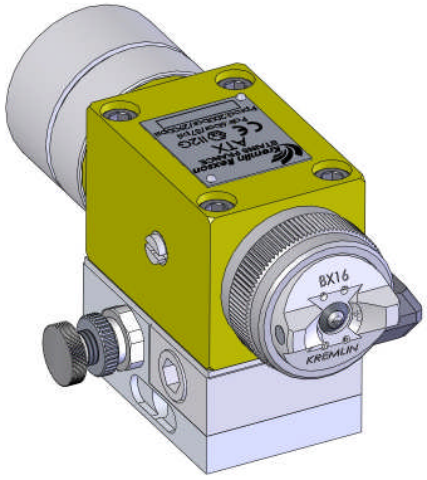

AUTOMATIC AIRMIX® GUN

ATX

TECHNICAL FEATURES

TRANSLATION FROM THE ORIGINAL MANUAL

IMPORTANT : Before assembly and start-up, please read and clearly understand all the documents relating to this equipment (professional use only).

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1. DESCRIPTION

The ATX spray gun is designed for applying paints, primers and adhesives in automatic installations. It can be fitted on fixed supports, automatic machines or on robots.

The fitting of the gun using a modular base allows rapid interchangeability, which in turn leads to much reduced down time. Removal and replacement of the gun can be carried out without removing any hoses.

Non air bleeding gun, without spring in the fluid circuit.

2. TECHNICAL FEATURES

FEATURES	PISTOLET ATX, model standard	ATX GUN for drum
Maximum air supply pressure	6 bar / 87 psi	
Maximum fluid supply pressure	**200 bar / 2900 psi**	
Minimum command air pressure	3 bar / 44 psi	
Flow rate	Dependent type of nozzles (refer to chart)	
Weight (gun only)	750 g / 1.65 lb	
Weight (gun with base)	1060 g / 2.34 lb	
Operating maximum temperature	50°C / 122°F	
Air consumption	From 3 to 5 m3/h	
Wetted parts	Stainless- treated stainless steel	
Seat (removal)	Stainless	Polyacetale

Base	Option available	Standard available
Material (base)	Aluminium with stainless steel insert	
Fluid circulation	Into base	Into the gun

Note : For HVLP compliance, the maximum inlet air pressure at the gun base or handle must not exceed 14.35 psi (0,99 bar) to maintain 10 psi (0,68 bar) or less at the air cap. Testing for HVLP compliance was performed using the specified HVLP test air cap, the fan control fully closed and a pressure gauge on the air inlet fitting at the gun base or handle. It may also be a requirement of some regulatory agencies that users have the appropriate test air cap available on site to verify that the gun is being operated within the regulatory limitations

▪ AIR AND FLUID FITTINGS WITH HOSES

Gun	Supply	Threadings (base)	Fittings (base)	Hoses
standard	Fluid	F 1/4 NPS	M 1/2 JIC	Blue AIRMIX® hose, **conductive**, ∅ 4,8 mm (3/16") or 6,35 mm (1/4")
ATX	Spraying air	F 1/4 NPS	M 1/4 NPS	Air hose : minimum ID 7 mm (for a 7,5 m length),
	Command air	F 1/8 NPS	Quick-fit	Polyamide hose ∅ 4x6

ATX	Fluid	F 1/4 NPS	M 1/2 JIC	Blue AIRMIX® hose, **conductive**, ∅ 4,8 mm (3/16") or 6,35 mm (1/4")
For	Spraying air	F 1/4 NPS	Quick-fit	Polyamide hose ∅ 5/16"
drum	Command air	F 1/8 NPS	Quick-fit	Polyamide hose ∅ 1/4"

On the modular base, you can fit :

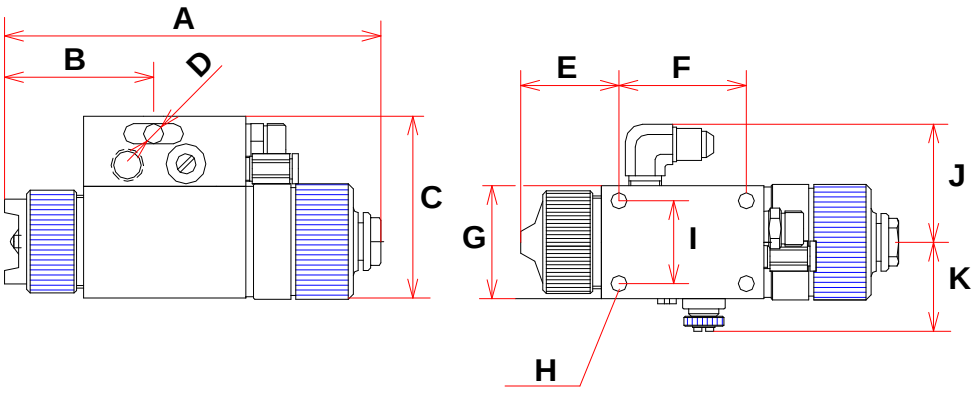
- either 2 fluid fittings ➔ fluid circulation
- or 1 product fitting and a plug

Applicate glue on the threading of the fluid fittings or of the plug before assembling (glue similar to Loctite 577).

The grounding of the gun will be carried out by means of the bracket (also grounded) or by means of a conductive material hose.

▪ DIMENSIONS

Ind.	A	B	C	D	E	F	G	H	I	J	K
mm	150	60	73	Ø 8	39	51	45	Ø 6	33	44	35,5
"	6	2.4	2.9	Ø 5/16	1.5	2	1.8	Ø 1/4	1.3	1.7	1.4



Fixing the gun onto its base : 4 screws M 6 x 50.
Fixing the complete assembly : rod Ø 16 / 5/8 ", length 100 mm / 4 ".

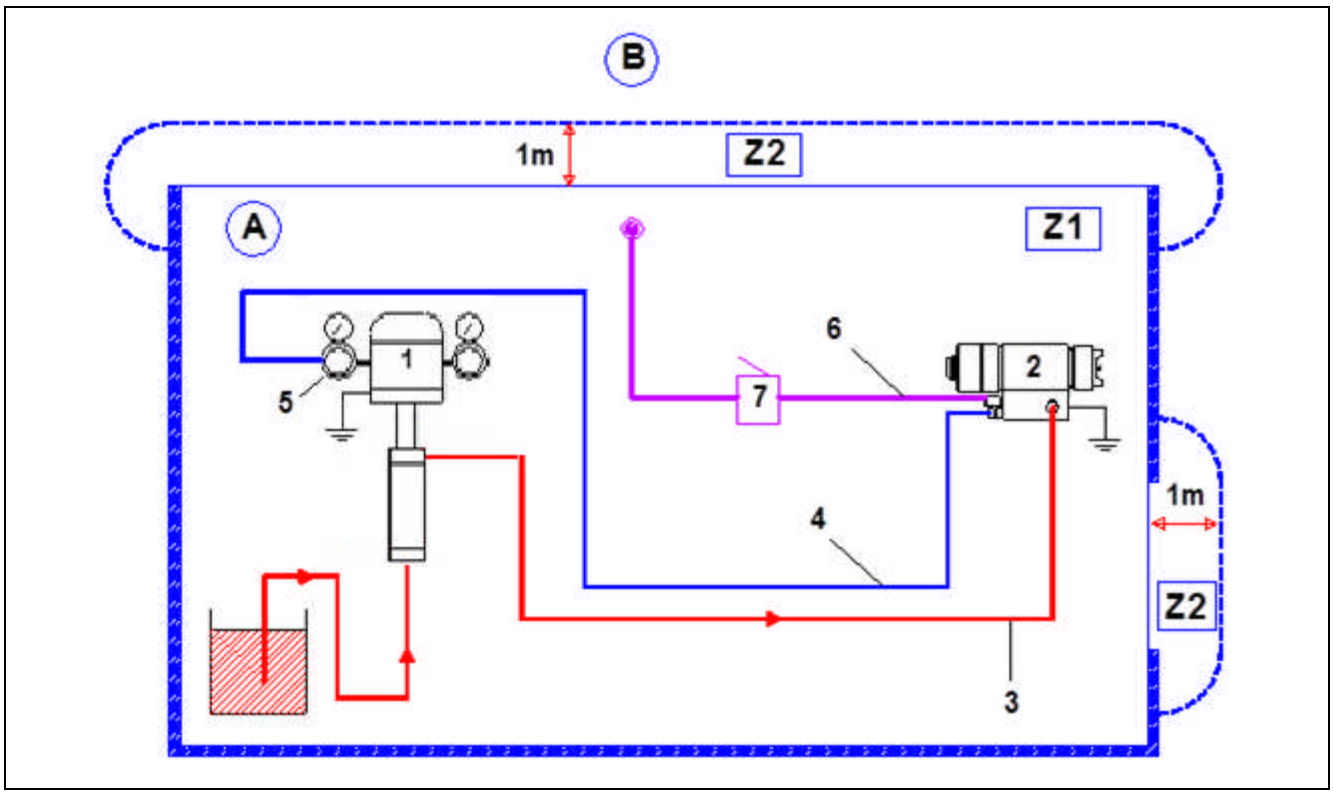
3. INSTALLATION

- **DESCRIPTION OF THE LABEL MARKING**

Marking in accordance with the ATEX Directive

KREMLIN REXSON **STAINS FRANCE**	Name and address of the manufacturer
ATX	Gun model
CE Ex II 2 G	**II** : group II **2** : class 2 Surface equipment meant to area where explosive atmospheres due to gas, vapours, mists are liable to appear from time to time in usual operating **G** : gas
P air : 6 bar / 87 psi	Gun air supply maximum pressure
P prod : 200 bar / 2900 psi	Maximum fluid pressure at the gun inlet
-	Number given by KREMLIN REXSON. The two first numbers indicate the manufacturing year.

▪ INSTALLATION DIAGRAM



Captions :

A	Explosive area area 1 (Z1) or area 2 (Z2) : spray booth
B	Non explosive area
1	Pump
2	Airmix® automatic gun

3	Fluid hose
4	**Conductive** air hose (spraying air)
5	Air regulator
6	Air hose (control air)
7	3 way-valve or electrovalve

1 - By means of a fluid hose (3), connect the gun fluid fitting to the pump. Tighten firmly the fittings.

2 - By means of a **conductive** air hose (4), connect the gun 'Spraying air' fitting (2) to an air regulator (5) that can supply at least 3 bar / 43.5 psi (→ spraying air).

3 - By means of an air hose (6), connect the gun 'Control air' fitting to the valve or the electrovalve (7) that will control the opening and the closing of the gun.

A minimum pressure of 3 or 4 bar / 43.5 or 8 psi is necessary to control the gun (→ control air).

Nota : The gun (and its eventual base) **must be** grounded by, **at least,** one of the three next solutions :

- by means of the fixing device on the machine,
- by means of the static conductive air hose,
- by means of the conductive or static conductive fluid hose.

The ground resistance between the gun and the floor must be ≤ 1 MΩ.

The 1 m / 39.37" distance indicated in these diagrams is given for information purposes only and hold harmless to KREMLIN REXSON. The user is responsible for the extraction and conditioning of the painting area where the equipment is used, for working conditions conditions (refer to EN 60079-10 standard). The 1 m / 39.37" distance may be modified if trials carried out by the user deem this necessary.