



Equipment

Designation	Base type	Paint circulation	Aircap	Tip	Part number
AVX SPRAY GUN (L)	-	In the base	-	-	129690000
AVX SPRAY GUN (Omega)	-	In the gun	-	-	129691000
AVX (L) with side outputs base	Side input	In the base	-	-	129695000
AVX (L) with rear outputs base	Rear input	In the base	-	-	129695050
AVX (Omega) with side outputs base	Side input	In the gun	-	-	129695100
AVX (Omega) with rear outputs base	Rear input	In the gun	-	-	129695150
AVX (L) with side outputs Cefla base	Cefla	In the base	-	-	129695200
AVX - Spray Gun (T) , with GT cartridge					129690003
AVX - Spray Gun (Ω),with GT cartridge					129691001

Accessories

Designation	Coating	Fan adjustment	Part number
AIRCAP VX24 - HVLP	non-corrosion coating	♦	132720020
AIRCAP VX14 - HVLP	-	♦	132670920
AIRCAP VX114 - HVLP	-	-	132670940
AIRCAP VX124 - HVLP	non-corrosion coating	-	132720055
AIRCAP VX124 - HVLP (MVX ring)	non-corrosion coating	-	132720065
AIRCAP VX54	Non-stick coating	-	132670030
(L) BASE WITH REAR FLUID CONNEC.			129690080
(Omega) BASE WITH SIDE FLUID CONNEC.			129691070
(Omega) BASE WITH REAR FLUID CONNEC.			129691080
(L) CEFLA BASE WITH SIDE FLUID CONNEC.			129690090
(L) BASE WITH SIDE FLUID CONNEC.			129690070

Kits

Designation	Part number

Spare Parts

Designation	Part number
PACKAGE OF SEALS FOR AVX	129690901
PACK OF 4 NEEDLE-CARTRIDGE ASSEMBLY	129690050

AVX

Automatic Airmix® Spray Gun

Airmix® / Automatic Guns



LIGHTWEIGHT AND VERSATILITY FOR EFFICIENT PRODUCTION

- High transfer efficiency (up to 86%)
- Excellent atomization quality
- Modular design and high reliability



Markets



AVX

Automatic Airmix® Spray Gun

The automatic Airmix® AVX spray gun ensures high level performance with unsurpassed finish & excellent atomization quality. The base-mounted modular design allows for quick maintenance with minimum downtimes.

Leading spray technology since 1975, AIRMIX® technology was invented by SAMES KREMLIN to reduce paint consumption, reduce cost of ownership, increase productivity, improve working condition and preserve the environment. Continuously improved over the past 35 years, AIRMIX® is today the most efficient non-electrostatic spray technology providing up to 86% transfer efficiency.

As a result, most automatic machine manufacturers using medium fluid pressure atomization have adopted SAMES KREMLIN AIRMIX® automatic guns because they are reliable, deliver outstanding finish quality and their simple construction minimizes the cost of servicing and down time.

The AVX automatic spray gun, mounted on a base, has a compact and lightweight design and simple construction with limited number of parts. Built with premium materials, this automatic sprayer is very reliable and brings reduced cost of ownership. The circulation can be done in the gun for quicker and better flushing with a limited volume of solvent sprayed into the machine or spray booth or in the base to reduce pressure loss in circulation systems.



Technical data table

Designation	Value	Unit: metric (US)
Maximum Fluid Pressure	200 (2900)	bar (psi)
Recommended Fluid Pressure	20-200 (290-2900)	bar (psi)
Maximum Air Pressure	6 (87)	bar (psi)
Air Consumption	3 - 7.5 (1.77 - 4.41)	m3/h (cfm)
Transfer Efficiency	86	%
Maximum Fluid Temperature	50 (122)	°C (°F)
Stainless Steel, PTFE Wetted Parts	♦	
Aluminum Body	♦	
Fluid Inlet	F 1/4 NPS	
Pilot Air Inlet	F 1/8" NPS	
Atomizing Air Inlet	F 1/4" NPS	
Weight	452 (16)	g (oz)



Airmix® spray technology



HVLP

Performance

- 1 Dual spring mounted outside fluid passage allows you to open air before atomizing fluid for better spray fan quality
- 2 VX24 (adjustable spray) or VX124 (fixed spray) and a wide offering of fine finish and Xtra™ fine finish spray tips
- 3 Optional fan air remote control
 - ♦ Extreme film build accuracy and tolerance
 - ♦ Compatible with a wide range of products (solvent-based and water-based)

Productivity

- 4 Easy assembly and disassembly - (4 bolts) for easy servicing
 - ♦ Circulation in the base allows less pressure loss in circulation system
 - ♦ Circulation in the gun offers a quicker and better flushing with limited volume of solvent sprayed into the machine or spray booth

Sustainability

- 5 Wetted parts are stainless steel, treated stainless steel and rulon for better durability
 - ♦ Extended lifetime with most coatings thanks to the stainless steel design

2% according to EN 13966-1 norm



Description

