



Cobra 3c

Low Pressure Automatic Spray Gun

The Cobra 3c automatic spray gun is the perfect solution for spraying components such as cameras, computers, mobile phones, and many other products.

The Cobra 3c is an automatic low-pressure air spray gun (with constant air bleed) designed for applying both solvent-based and water-based paints. It is suitable for use with automatic reciprocators, rotary systems, and robotic painting machines.

This spray gun utilizes the renowned DeVilbiss atomization technology, featuring hardened fluid tips and needles as standard for excellent paint compatibility across various applications. All fluid pathways in the gun are made from high-grade stainless steel, ensuring durability. Additionally, the gun is equipped with a micrometer needle adjustment knob, allowing for precise control over fluid flow. The gun requires remotely positioned air valves (not included) to manage the air supply for triggering the gun, as well as for atomization and adjusting the fan size.

TYPICAL APPLICATIONS

- Rotary spraying machines
- Reciprocators
- Robotic applicators
- Other automatic spraying machines.

Cobra 3c Spray Gun

FEATURES

- Stainless Steel fluid passageways, sprays water-based and solvent-based paints
- Micrometer needle adjustment for fine and accurate fluid flow control
- Small, compact gun size weighing just 496g, easy maintenance and dis-assembly
- Gun supplied with air and fluid hose fittings. Gun Mounting via 8.2mm round bar (option)
- Wide range of proven air caps and fluid tips with hardened tips and needles as standard
- Independent fan, atomising and operating air ideal for robot and machine applications.
- Fast maintenance and serviceability
- Quick easy cleaning of external parts and internal passageways
- Air cap indexing for consistent application repeatability (option)
- Fast on/off operation of fluid needle
- Independent fan, atomising and triggering air for total machine compatibility.



Product part number example CBA3C-590HV-10N means:

CBA3C = Cobra 3c Automatic Gun
590HV = Air Cap type
10 = 1.0mm fluid tip diameter
N = Hardened fluid tip and needle

Cobra 3c automatic spray guns include air and fluid inlet connections

AIR CAP OPTIONS

AIR CAP TYPE	PART NUMBER	TECHNOLOGY	AIR CAP CODE
590	SP-100-590-ADV-K	Trans-Tech	COM 590
590 HV	SP-100-590HV-ADV-K	HVLP	590 HV

FLUID TIP OPTIONS

FLUID NOZZLE SIZE mm	HARDENED FLUID NOZZLE	HARDENED FLUID NEEDLE	NUMBER ON FLUID NEEDLE
0.7	SP-259N-07-K	SPA-353-07-K	3C 07
0.85	SP-259N-085-K	SPA-353-085-K	3C 085
1.0	SP-259N-10-K	SPA-353-10-K	3C 10

SPECIFICATIONS

	THREAD	PRESSURE
Fluid inlet and fluid recirculation	1/8 BSP Female	Max 15 bar / 218 psi
Air inlet Pattern + Length	1/8 BSP Female	Max 12 bar / 174 psi
Cylinder/trigger	1/8 BSP Female	3.5 to 6 bar / 51 to 87 psi
Maximum temperature in use	40°C / 104°F	
Spray gun weight	496g / 17.5 oz	

MATERIALS OF CONSTRUCTION

Gun Body, Manifold, Micrometer Assembly	303 Stainless steel, 6082 Aluminium Alloy
Tip / Needle	Hardened 303 Stainless steel
Fluid seals	Viton Extreme, Polyethylene

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