

Sagola X 4100 series pressure



X 4100 SERIES

The Legend of Industrial finishing

TECHNICAL DATA

Sagola X 4100 SERIES

Weight: (X series pressure version)	525 grams	1.16 lbs
Weight: (Xtreme Ceramic version)	552 grams	1.22 lbs
Weight: (Xtreme PD version)	552 grams	1.22 lbs
Dimensions: (X series pressure version)	17.2 x 18.2 cm. (width of handle 1.9 cm.)	6.8 x 7.2 " (width of handle 0.75")
Dimensions: (Xtreme Ceramic version)	19 x 20 cm. (width of handle 1.9 cm.)	7.5 x 7.9 " (width of handle 0.75")
Dimensions: (Xtreme PD version)	19 x 20 cm. (width of handle 1.9 cm.)	7.5 x 7.9 " (width of handle 0.75")
Air inlet connection	BSP 1/4" Male	
Cup	Product input through pressure pot or pneumatic pump	
Product filter	60/100 mesh	
Recommended working pressure	X series: 2 - 3 bar (29 - 43.5 psi)	Xtreme CER/PD: 3 - 4 bar (43.5 - 58 psi)
Average sound pressure level	80 dB	
Materials in contact with the product	Anodized aluminum, chromed aluminum, POM, Stainless steel and Teflon	

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Spraygun main news

01 Forged and anodized aluminum **BODY**. Great robustness, lightness and high corrosion protection. Register DC 3 300.029

02 NOZZLES AND NEEDLES made of stainless steel. High precision. High flow. Maximum application speed.

03 High durability **AUTOMATIC PRODUCT PACKING GLAND**. One single piece. Stainless steel body in quick-change format. Avoid manipulation and breakage of the glands and facilitates their disassembly for the integral cleaning of the paint area. Unique in the market. Patented system P073000321.5.

04 AIRCAPS. Made of high-strength and lightweight duralumin (corrosion-free). HVLP and EPA systems. Fully interchangeable. 4 choice of aircaps compatible with all available fluid nozzle sizes.

High Transfer HVLP Aircap. Designed under the highest environmental standards. Without pressure reducers in the body of the gun. We convert from a conventional system to an HVLP system, only changing the nozzle.

05 "SOFT FLOW" AIR VALVE. Smooth trigger even at high air pressure levels. No pressure drops between the 1st and 2nd stage of the trigger. Save paint by regulating air pressure with the trigger partially pulled (1st stage).

05* VÁLVULA DE AIRE "ULTRA SOFT FLOW". Innovative valve kit that reduces trigger fatigue by up to 65%. An unprecedented ergonomic innovation that significantly improves working conditions for industrial painters.

06 TRIGGER AND AXIS. 100% made of stainless steel. Relocated lever point for more comfortable tightening. Ultra-ergonomic design. Reduces fatigue.

07 AIR INLET REGULATOR. Modern design without sharp edges, it makes easier cleaning. Higher control precision. Ideal for quick adjustment.

08 NEEDLE GUIDE BOX. Reinforced in stainless steel. Very high resistance to mechanical abrasion.

09 PRODUCT REGULATOR. Sensitive adjustment of the amount of material to be applied.

10 FAN REGULATOR. High precision progressive.

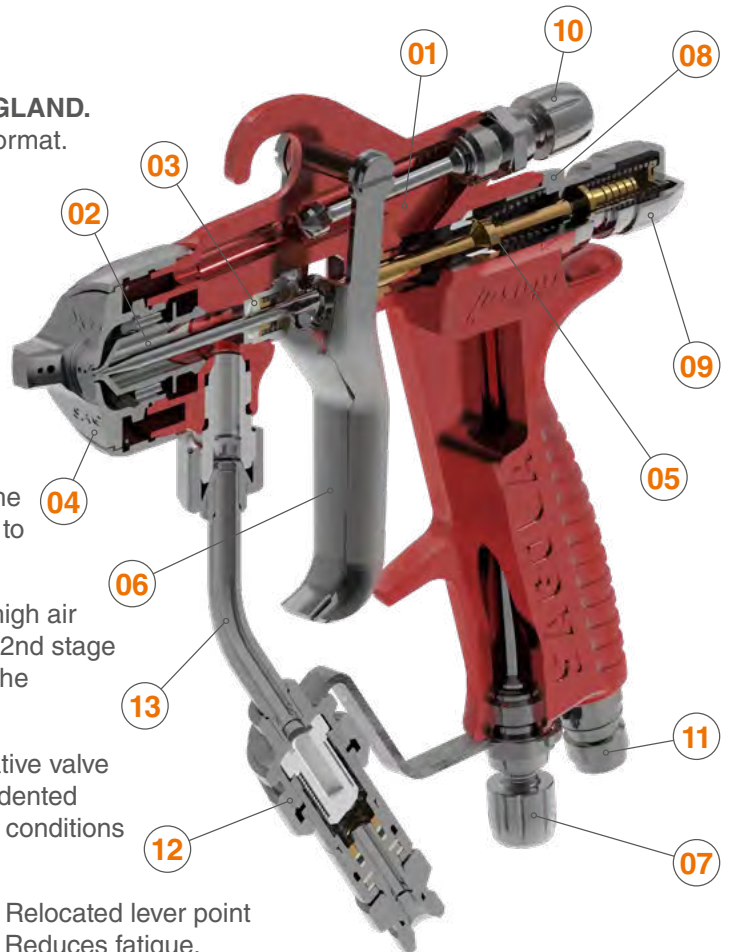
11 AIR INLET. 1/4" stainless steel.

12 FILTER HOLDER WITH SWIVEL COUPLING. Facilitates access to difficult areas and reduces fatigue in continued painting sessions. (OPTIONAL)

13 PRODUCT TUBE for hose alignment. Made of stainless steel. (OPTIONAL)

"METAL TO METAL" TECHNOLOGICAL VANGUARD.

Very high mechanization technology. The only spraygun on the bodywork market manufactured without any type of gasket, neither inside nor outside, in the closures between the air and the paint. Minimize the number of spare parts.



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X 4100 series aircaps technical data PRESSURE / Versions



XT03/3030 X series Aircap. Our HVLP aircap guarantees a reduction in spray mist which means an increase in transfer. Low pressure spraying provides perfect metal particle alignment.



HVLP PAINTED SYSTEM

Recommended application	Recommended nozzle	Aircap	Air consumption at 2 bar	Recommended pressure	Application distance	Code Spraygun
FINISHES. BASECOATS. DYES	1.00	XT03	460 L/min. (16.24 cfm)	0.5 - 1.0 bar (7 - 14.5 psi)		10152406
GENERAL FINISHES PRIMERS	1.20	XT03	460 L/min. (16.24 cfm)	1.0 - 1.5 bar (14.5 - 22 psi)	12 - 15 cm. (4.7 - 5.9")	10152407
PRIMERS AND BASECOATS	1.40	3030	514 L/min. (18.15 cfm)	2.0 - 2.5 bar (29 - 36 psi)		10152412



XT01 B/Super VIT X series Aircap. Versatility and perfect adaptation to any type of industrial painting project. High gloss finishes, primers and high viscosity paints. Its sustained air consumption, together with the high percentages of product transfer, make SAGOLA's EPA aircaps the most balanced system on the market.



EPA PAINTED SYSTEM

Recommended application	Recommended nozzle	Aircap	Air consumption at 2 bar	Recommended pressure	Application distance	Code Spraygun
METALLICS. CLEARCOATS	1.00	XT01 B	295 L/min. (10.42 cfm)	0.5 - 1.0 bar (7 - 14.5 psi)		10152408
CLEARCOAT AND FILLERS	1.20	XT01 B	295 L/min. (10.42 cfm)	1.0 - 1.5 bar (14.5 - 22 psi)		10152409
PRIMERS AND FILLERS	1.40	XT01 B	295 L/min. (10.42 cfm)	2.0 - 2.5 bar (29 - 36 psi)	18 - 20 cm. (7 - 7.9")	10152410
METALLICS. CLEARCOATS	1.20	Super VIT	380 L/min. (13.42 cfm)	1.0 - 1.5 bar (14.5 - 22 psi)		10152414
CLEARCOAT AND FILLERS	1.40	Super VIT	380 L/min. (13.42 cfm)	2.0 - 2.5 bar (29 - 36 psi)		10152416

Both the **product contribution** and the **fan size** in the pressure guns are directly related to the product pressure set by the user, the product viscosity and the characteristics of the hose. Therefore, a reference value cannot be established.

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X 4100 series aircaps technical data PRESSURE / Versions



777 / 765 X series Aircap. Speed and high energy of atomization. Large surface painting with an exceptional high gloss finish. Available to be combined with high size of nozzles in work with high viscosity products. Maximum speed. Maximum level of gloss.



MEDIUM PRESSURE
PAINTED SYSTEM

Recommended application	Recommended nozzle	Aircap	Air consumption at 2 bar	Recommended pressure	Application distance	Code Spraygun
FINISHES. HIGH QUALITY	1.00	777	345 L/min. (12.18 cfm)	0.8 - 1.5 bar (11.6 - 22 psi)	18 - 20 cm. (7 - 7.9")	10152404
FINISHES. HIGH GLOSS	1.20	777	345 L/min. (12.18 cfm)	0.8 - 1.5 bar (11.6 - 22 psi)		10152405
FINISHES AND PRIMERS	1.20	765	315 L/min. (11.12 cfm)	0.5 - 1.0 bar (7 - 14.5 psi)		10152402
PRIMERS AND BASECOATS	1.40	765	315 L/min. (11.12 cfm)	1.0 - 1.5 bar (14.5 - 22 psi)		10152403

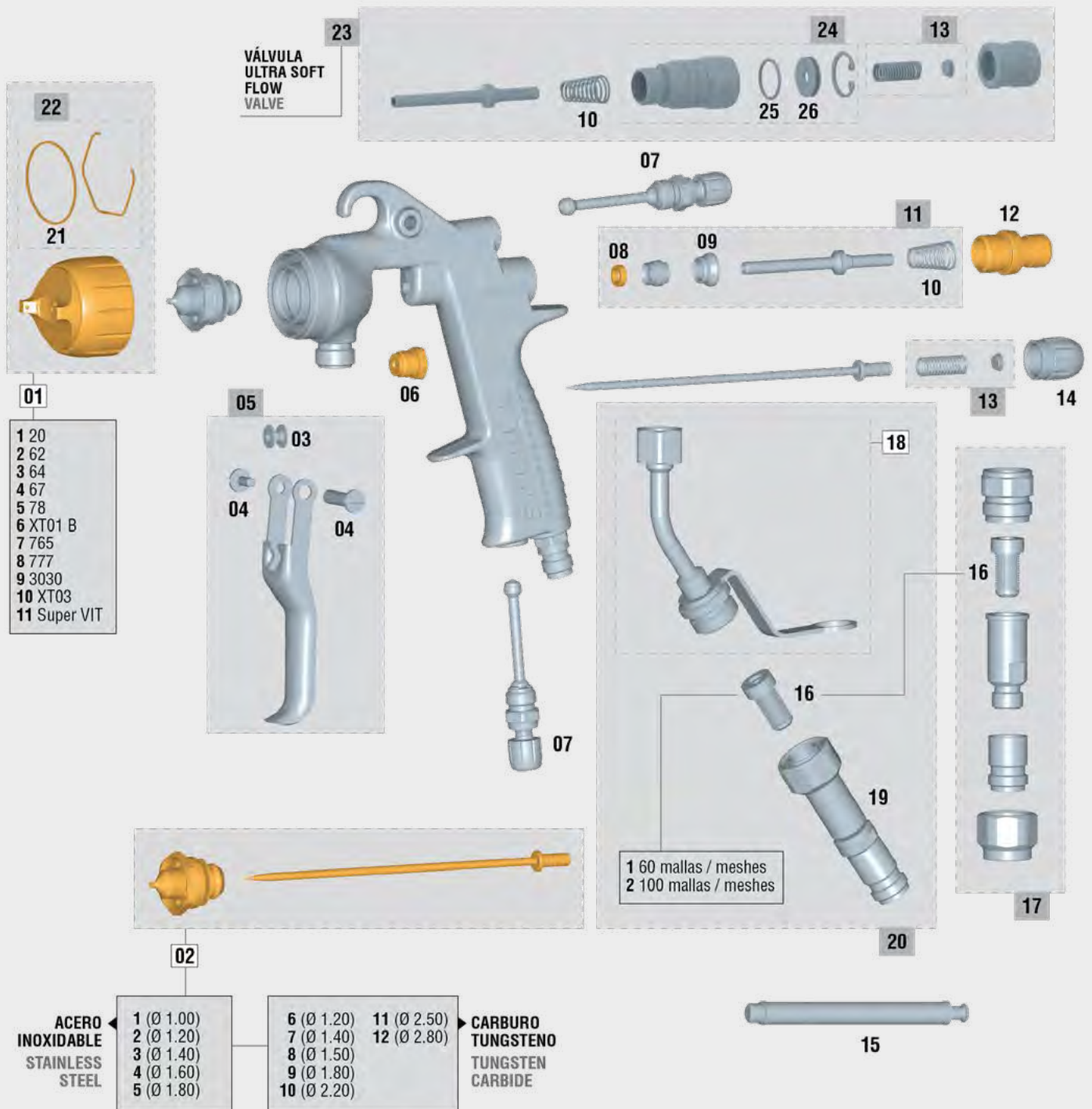
Both the **product contribution** and the **fan size** in the pressure guns are directly related to the product pressure set by the user, the product viscosity and the characteristics of the hose. Therefore, a reference value cannot be established.



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X 4100 Series Pressure Spare parts

The Sagola X 4100 Series Pressure is covered by a **3-year** manufacturers warranty from SAGOLA. Please follow the recommended housekeeping and maintenance procedure as prescribed in the operation manuals.



Last updated version of the exploded view



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We call critical parts those that can stop the work of a spraygun: wear parts, gaskets, packings,... Sagola sprayguns design offers **ONLY 5 CRITICAL PARTS** (■). Only 5 references in store to provide a 100% effective after-sales service.

SPARE PARTS X 4100 Series Pressure

No.	Code	Description
01/1	56418569	Aircap 20
01/2	56418567	Aircap 62
01/3	56418570	Aircap 64
01/4	56418568	Aircap 67
01/5	56418590	Aircap 78
01/6	56418564	Aircap XT01 B
01/7	56418571	Aircap 765
01/8	56418576	Aircap 777
01/9	56418572	Aircap 3030
01/10	56418566	Aircap XT03
01/11	56418702	Aircap Super VIT
02/1	10011252	Kit nozzle + needle 1.00 Serie 41
02/2	10011253	Kit nozzle + needle 1.20 Serie 41
02/3	10011122	Kit nozzle + needle 1.40 Serie 41
02/4	10011123	Kit nozzle + needle 1.60 Serie 41
02/5	10011124	Kit nozzle + needle 1.80 Serie 41
02/6	10010129	Kit nozzle + needle 1.20 C.T. Serie 41
02/7	10010130	Kit nozzle + needle 1.40 C.T. Serie 41
02/8	10010131	Kit nozzle + needle 1.50 C.T. Serie 41
02/9	10010132	Kit nozzle + needle 1.80 C.T. Serie 41
02/10	10010133	Kit nozzle + needle 2.20 C.T. Serie 41
02/11	10010135	Kit nozzle + needle 2.50 C.T. Serie 41
02/12	10010134	Kit nozzle + needle 2.80 C.T. Serie 41

SPARE PARTS X 4100 Series Pressure

No.	Code	Description
03	51910607	Bushing
04	56418439	Kit screw + trigger shaft (long)
05	56418443	Trigger kit
06	56411616	Complete packing nut Kit
07	56415252	Air flow / Fan regulator
08	56418494	Air valve washer
09	54110012	Air valve seating
10	54710312	Conical spring 10.6 x 6.7 x 29 x 1.05
11	56418669	Air valve Kit
12	56411623	Product needle guide box
13	56410044	Spring kit
14	57810340	Product Regulator wheel
15	50210214	Air valve assembly key
16/1	56418054	Product filter 60 mesh (10 units)
16/2	56418053	Product filter 100 mesh (10 units)
17	56418057	Filter holder kit (1/4"-3/8") + mesh filter
18	56418670	Product tube
19	56410110	Swivel coupling BSP 1/4" M - BSP 1/2" F
20	56418671	Tube + swivel coupling Kit
21	56418681	Gasket nozzle Kit
22	56418678	Gasket washer (5 units)
23	56418684	Ultrasoft valve kit X4100 series
24	56417419	Subassembly Ultrasoft valve body X4100
25	54250818	FFKM O-ring Ø15 x 1,5
26	52710061	Ultrasoft valve plunger body X4100



This exploded view is not the material list of the spraygun



Clean the spraygun correctly. No metal tools. Only brushes. Lubricate the moving parts of the gun after each cleaning.



Cleaning kit Brush and sticks for optimum cleaning outside and inside the gun.

Code 40000086



Lubricant grease Natural grease. High consistency, even under extreme temperatures. Long lasting, it doesn't lose properties over the time. 100 ml. can.

Code 56418589



(see page 87)