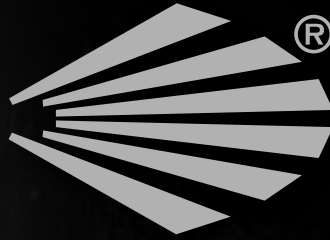


SAGOLA
an Elcometer company



**The Future of
automatic sprayguns**

**MADE IN
SPAIN**

w w w . s a g o l a . c o m

NEW V 4000 RANGE

Sagola launches its **new line of automatic spray guns, the V 4000**. All the quality standards of its predecessor the 4041 are kept, but adding new features. The perfect tool for high demand automatic lines projects in terms of **finish quality, robustness and durability**.



- **Size reduction:** A size reduction that improves the manageability and consequently, the access to complex shapes parts.
- **Robot version (DMR/QCR):** Automated fan size regulation. An air inlet replaces the manual regulator wheel.
- **Abrasives versions:** Tungsten Carbide nozzles and needles to spray abrasive fluids. Great hardness and resistance to abrasion.

BASE (QCM/QCR) VERSION

Same features as the **standard version (DMM/DMR)** but including a base that **simplifies maintenance and cleaning work**. **Quick disassembly** system that allows the **repositioning of the gun** in the same position keeping the setup parameters.

- Large ergonomic knob to ensure a quick and easy fixing of the gun to the base.
- Hold system with positioning fit.
- Fan regulator located in the base for a quick replacement of the gun keeping the setup parameters.
- Manufactured in accordance with the normative EN 1953:2013 Ap. 5.2.4.

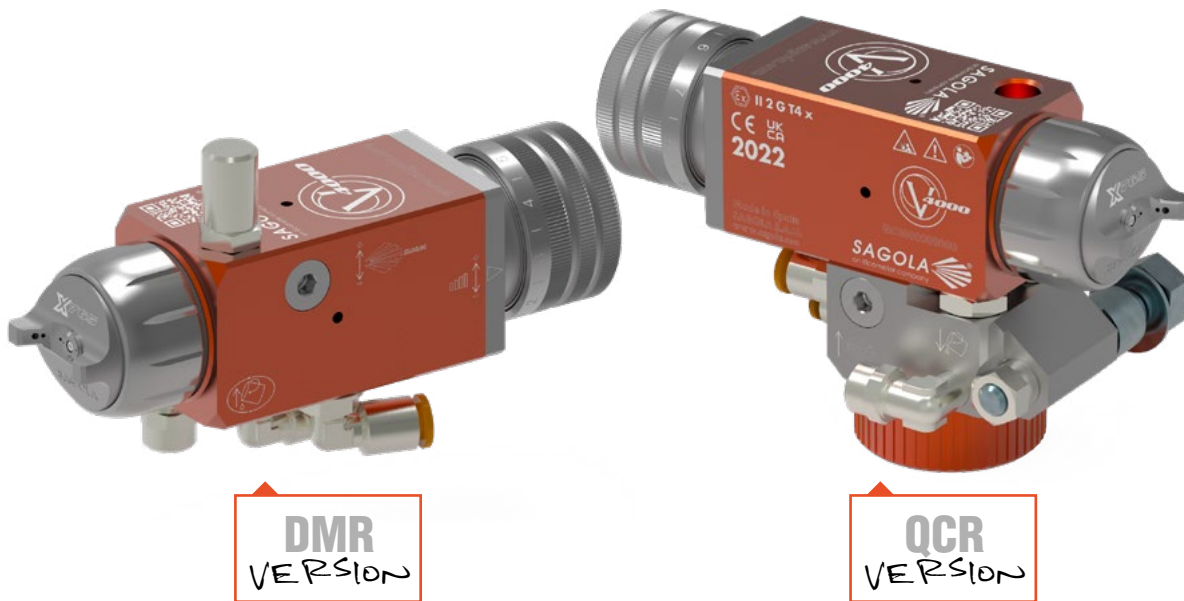


NEW V 4000 RANGE

DMR / QCR VERSION

Available in both **standard** and **base versions**.

Automated fan pattern regulation. The manual regulation wheel is replaced by an air inlet.

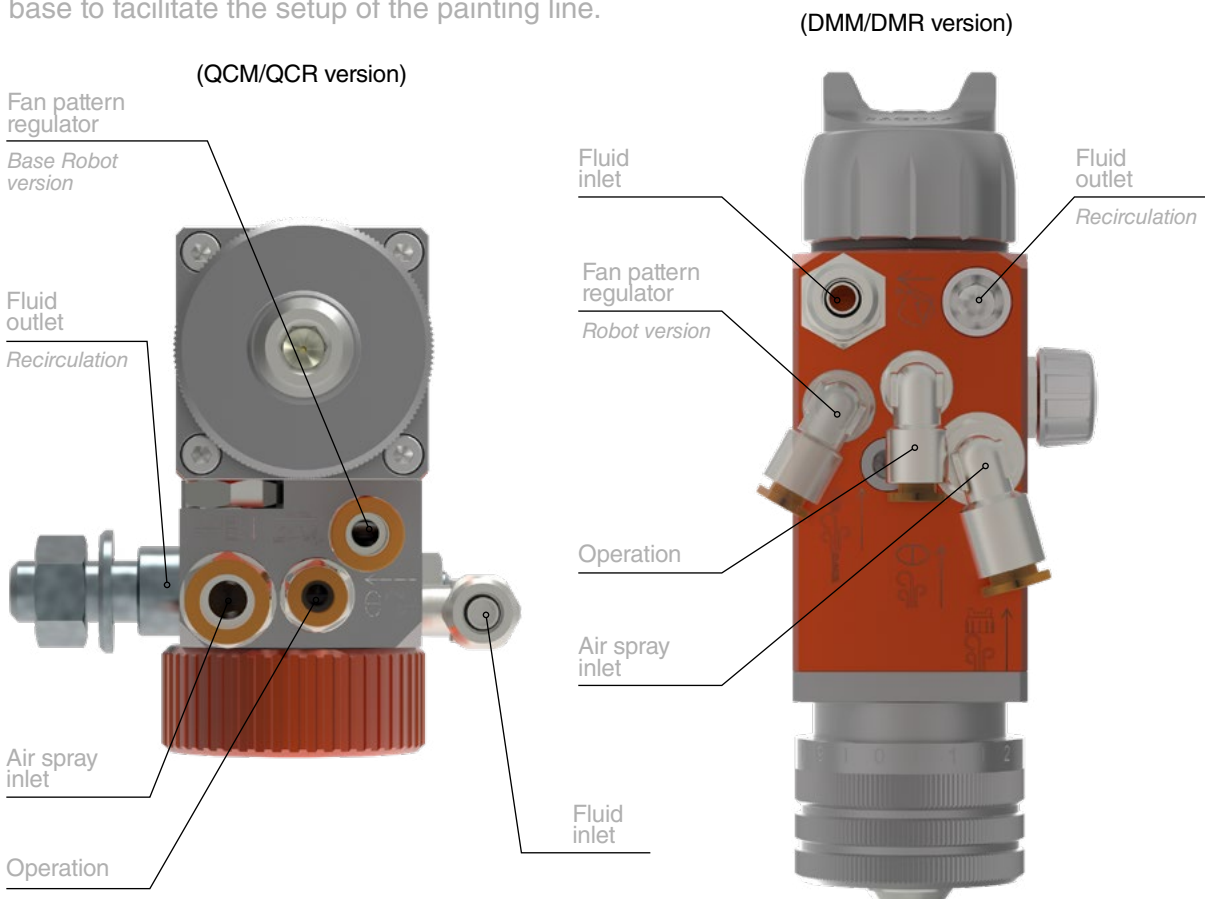


Direct **M**ount **R**emote Fan Adjustment

Quick **C**hange **M**anifold **R**emote Fan Adjustment

CONNECTIONS

All inlets, both hydraulic and pneumatic, have been located on the same side of the gun or the base to facilitate the setup of the painting line.



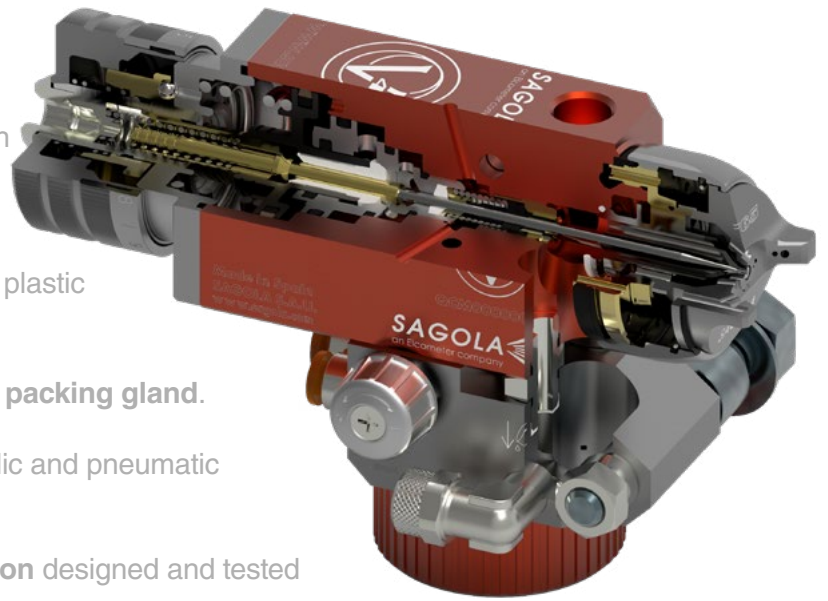
FUNCTIONAL ADVANTAGES

SAGOLA
an Elcometer company

SAGOLA
an Elcometer company

NEW V 4000 RANGE

- Robust forged anodized aluminum **body**. High protection against corrosion.
- **Metal to Metal Technology**. Absence of gaskets, O-rings or plastic parts in the fluid area.
- High durability **self-adjusting packing gland**.
- All **connections**, both hydraulic and pneumatic on the same side of the gun.
- High durability **operating piston** designed and tested for carrying out continuous jobs.
- Anodized aluminum **air caps** (corrosion free). Great resistance and durability. Suitable for aggressive environments.
- **Fluid flow regulator**. Great adjusting sensitivity. With vernier set to "0".
- High precision progressive **fan regulator**.
- **Quick connectors** on the air and fluid inlets.

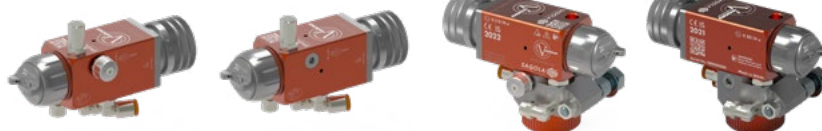


**EXTERIOR
AND INTERIOR
ANTI
CORROSIVE
TREATMENT
THROUGHOUT
THE GUN**

V 4000 RANGE TECHNICAL DATA

TECHNICAL DATA

V 4000

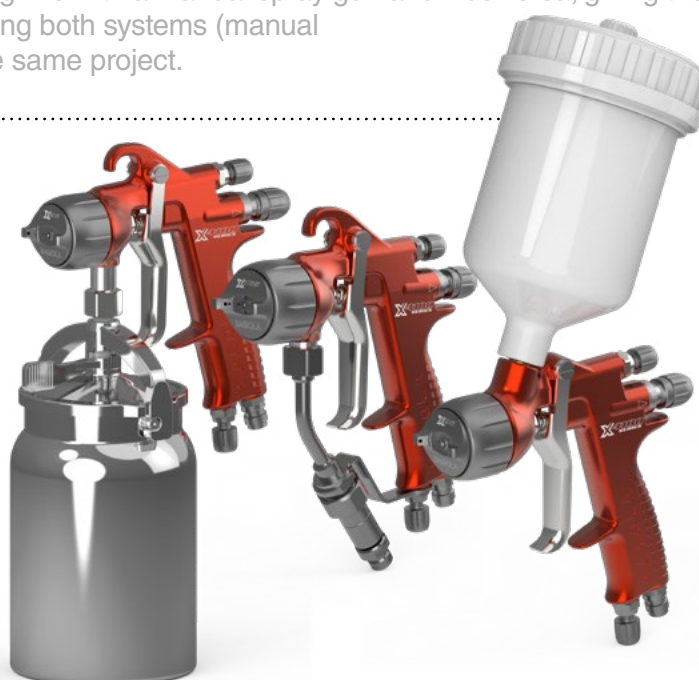


	DMM	DMR	QCM	QCR	
Weight	915 g (2.01 lbs)	987 g (2.17 lbs)	1.240 g (2.73 lbs)	1.318 g (2.90 lbs)	
Dimensions	164 x 45 x 104 mm 6.4 x 1.7 x 4.1"	164 x 45 x 104 mm 6.4 x 1.7 x 4.1"	164 x 45 x 174 mm 6.4 x 1.7 x 6.8"	164 x 45 x 174 mm 6.4 x 1.7 x 6.8"	
Operation inlet connection	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	
Air inlet connection	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	4 mm (0.157")	
Product inlet connection	BSP 1/4" M	BSP 1/4" M	BSP 1/4" M	BSP 1/4" M	
Maximum air pressure	8 bar (116 psi)	8 bar (116 psi)	8 bar (116 psi)	8 bar (116 psi)	
Recommended maximum air pressure	2 - 3 bar 29 - 36.2 psi	2 - 3 bar 29 - 43.5 psi	2 - 3 bar 29 - 43.5 psi	2 - 3 bar 29 - 43.5 psi	
Materials in contact with the product	Stainless steel, POM, Teflon, Nylon and Tungsten Carbide.				
Recommended application distance	■ EPA	18 - 20 cm 7 - 7.8"	18 - 20 cm 7 - 7.8"	18 - 20 cm 7 - 7.8"	
	■ HVLP	12 - 15 cm 4.7 - 5.9"	15 - 20 cm 5.9 - 7.8"	-	15 - 20 cm 5.9 - 7.8"
	■ Medium pressure	20 - 25 cm 7.8 - 9.8"	20 - 25 cm 7.8 - 9.8"	18 - 22 cm 7 - 8.6"	20 - 25 cm 7.8 - 9.8"



The V 4000 automatic spray gun is **100% compatible** with the range of fluid nozzles and air caps of the **X 4100 series**, allowing to replicate the finishes of the automatic painting line with a manual spray gun and vice versa; giving the possibility of combining both systems (manual and automatic) in the same project.

X 4100 SERIES



V 4000 RANGE TECHNICAL DATA



TECHNICAL DATA

■ Medium Pressure System ■ EPA System ■ HVLP System

Air cap	Nozzle	Paint flow output	Air consumption	Fan size
X765	0.80	179 g/min. (6.3 oz/min.)	315 L/min. (11.12 cfm)	301 mm. (11.8")
	1.00	211 g/min. (7.4 oz/min.)		310 mm. (12.2")
	1.20	250 g/min. (8.8 oz/min.)		320 mm. (12.6")
	1.40	295 g/min. (10.4 oz/min.)		329 mm. (12.9")
X777	1.00	241 g/min. (8.5 oz/min.)	345 L/min. (12.18 cfm)	375 mm. (14.7")
797	1.00	194 g/min. (6.8 oz/min.)	370 L/min. (13.07 cfm)	330 mm. (13")
	1.20	230 g/min. (8.1 oz/min.)		340 mm. (13.3")
X20A	1.20	215 g/min. (7.6 oz/min.)	430 L/min. (15.18 cfm)	348 mm. (13.7")
	1.40	254 g/min. (9 oz/min.)		359 mm. (14.1")
	1.80	300 g/min. (10.6 oz/min.)		370 mm. (14.5")
X96	1.40	216 g/min. (7.6 oz/min.)	250 L/min. (8.83 cfm)	310 mm. (12.2")
	1.80	310 g/min. (11 oz/min.)		340 mm. (13.3")
XVII^{SUPER}	1.00	274 g/min. (9.6 oz/min.)	380 L/min. (13.42 cfm)	334 mm. (13.1")
	1.20	324 g/min. (11.4 oz/min.)		345 mm. (13.5")
	1.40	382 g/min. (13.4 oz/min.)		355 mm. (13.9")
XTO1B	0.80	174 g/min. (6.1 oz/min.)	295 L/min. (10.41 cfm)	291 mm. (11.4")
	1.00	206 g/min. (7.2 oz/min.)		300 mm. (11.8")
	1.20	290 g/min. (10.2 oz/min.)		310 mm. (12.2")
	1.40	342 g/min. (12 oz/min.)		319 mm. (12.5")
XTO3	1.00	202 g/min. (7.1 oz/min.)	460 L/min. (16.24 cfm)	339 mm. (13.3")
	1.20	238 g/min. (8.4 oz/min.)		349 mm. (13.7")
	1.40	280 g/min. (9.8 oz/min.)		360 mm. (14.1")
X3030	1.20	330 g/min. (11.6 oz/min.)	514 L/min. (18.15 cfm)	310 mm. (12.2")
	1.40	389 g/min. (13.7 oz/min.)		319 mm. (12.5")
500	0.80	161 g/min. (5.6 oz/min.)	480 L/min. (16.95 cfm)	292 mm. (11.5")
	1.00	190 g/min. (6.7 oz/min.)		300 mm. (11.8")
	1.20	225 g/min. (7.9 oz/min.)		310 mm. (12.2")
600	0.80	157 g/min. (5.5 oz/min.)	630 L/min. (22.25 cfm)	320 mm. (12.6")
	1.00	186 g/min. (6.5 oz/min.)		330 mm. (13")
	1.20	220 g/min. (7.7 oz/min.)		340 mm. (13.3")
	1.40	259 g/min. (9.1 oz/min.)		350 mm. (13.7")
78	1.40 C.T.	300 g/min. (10.6 oz/min.)	410 L/min. (14.48 cfm)	360 mm. (14.1")
67	1.80 C.T.	300 g/min. (10.6 oz/min.)	400 L/min. (14.12 cfm)	310 mm. (12.2")
64	2.20 C.T.	354 g/min. (12.5 oz/min.)	400 L/min. (14.12 cfm)	290 mm. (11.4")
62	2.80 C.T.	417 g/min. (14.7 oz/min.)	410 L/min. (14.48 cfm)	300 mm. (11.8")

Both the fluid flow and the fan size in the pressure guns are directly related to the product pressure set by the user, the viscosity of the fluid and the characteristics of the hose. Therefore, these values will vary depending on the setup used.



V 4000 RANGE VERSIONS

SPRAY GUN VERSIONS

Versions with Stainless Steel Needle and Nozzle kit.



Air cap	Nozzle	DMM	DMR	QCM	QCR
X765	0.80	102 509 01	102 510 01	102 509 50	102 510 50
	1.00	102 509 02	102 510 02	102 509 51	102 510 51
	1.20	102 509 03		102 509 52	
	1.40	102 509 04	102 510 03	102 509 53	102 510 52
X777	1.00	102 509 16		102 509 65	
797	1.00	102 509 25	102 510 09	102 509 74	102 510 58
	1.20		102 510 10		102 510 59
X20A	1.20	102 509 22	102 510 11	102 509 71	102 510 60
	1.40	102 509 23	102 510 12	102 509 72	102 510 61
X96	1.80	102 509 24		102 509 73	
	1.40	102 509 28		102 509 77	
X96	1.80	102 509 29		102 509 78	
	1.00	102 509 19		102 509 68	
XVIT^{SUPER}	1.20	102 509 20		102 509 69	
	1.40	102 509 21		102 509 70	
	0.80	102 509 12	102 510 07	102 509 61	102 510 56
XT01B	1.00	102 509 13		102 509 62	
	1.20	102 509 14		102 509 63	
	1.40	102 509 15	102 510 08	102 509 64	102 510 57
XT03	1.00	102 509 17		102 509 66	
	1.20	102 509 18		102 509 67	
X3030	1.20	102 509 26	102 510 15	102 509 75	102 510 64
	1.40	102 509 27	102 510 16	102 509 76	102 510 65
500	0.80	102 509 05	102 510 04	102 509 54	102 510 53
	1.00	102 509 06	102 510 05	102 509 55	102 510 54
	1.20	102 509 07	102 510 06	102 509 56	102 510 55
600	0.80	102 509 08		102 509 57	
	1.00	102 509 09		102 509 58	
	1.20	102 509 10	102 510 13	102 509 59	102 510 62
	1.40	102 509 11	102 510 14	102 509 60	102 510 63

Versions with Tungsten Carbide Needle and Nozzle kit.

Air cap	Nozzle	DMM	DMR	QCM	QCR
X765	1.20 C.T.	102 509 35	102 510 20	102 509 85	102 510 70
	1.40 C.T.	102 509 36	102 510 21	102 509 86	102 510 71
XT01B	1.20 C.T.		102 510 25		102 510 75
XT03	1.40 C.T.	102 509 39		102 509 89	
500	1.20 C.T.	102 509 37	102 510 22	102 509 87	102 510 72
600	1.20 C.T.		102 510 23		102 510 73
	1.40 C.T.	102 509 38	102 510 24	102 509 88	102 510 74
78	1.40 C.T.		102 510 26		102 510 76
67	1.80 C.T.	102 509 40	102 510 27	102 509 90	102 510 77
64	2.20 C.T.	102 509 41	102 510 28	102 509 91	102 510 78
62	2.80 C.T.	102 509 42	102 510 29	102 509 92	102 510 79

■ Medium Pressure System ■ EPA System ■ HVLP System





V 4000 RANGE APPLICATIONS



APPLICATIONS

Application of all types of paints and sprayable products:

- dyes
- metallized
- enamels
- primers
- coles
- adhesives
- abrasive products
- ceramics
- forged effect
- textured

Quality finishes on large surfaces

APPLICATIONS	AIR CAP	NOZZLE
FLUID PRODUCTS WOOD DYES TEXTILE, TANNED TEFLON	765	1.00
	500 600 XT03	0.80 - 1.00
	Super VIT XT01	0.80 - 1.00
BASECOAT FINISHES METALLIC, PEARL PLASTIC AND AUTOMOTIVE INDUSTRY	765 777	1.00 - 1.20
	XT03 500 600	1.00 - 1.20
	Super VIT XT01	1.00 - 1.20
HS CLEARCOAT SINGLE STAGE HS LACQUERS PLASTIC, WOOD AND AUTOMOTIVE INDUSTRY	797	1.00 - 1.20
	XT03 500 600	1.00 - 1.20
	Super VIT XT01	1.00 - 1.20
FINISHES ENAMELS WOOD VARNISHES METAL	765	1.20 - 1.40
	777	1.20
	XT03 500 600	1.00 - 1.20
	Super VIT XT01	1.20
PRIMERS BACKGROUND PORE COVER WOOD AND METAL INDUSTRY	765	1.20 - 1.40
	XT03 600 3030	1.20 - 1.40
	Super VIT XT01	1.20 - 1.40
ABRASIVE PRODUCTS CERAMIC ENAMELS VITRIFIABLE ENAMELS CERAMICS VITROCHRAMIC	78	1.40 C.T.
	67	1.80 C.T.
	64	2.20 C.T.
	62	2.80 C.T.
	500 600 3030	1.20 C.T. - 1.40 C.T.
	XT01	1.40 C.T.
COLES ADHESIVES	20A	1.40 - 1.80
	500 600 3030	1.20 - 1.40
	XT01	1.40

V 4000 RANGE NOZZLE AND NEEDLE KITS

NOZZLE AND NEEDLE KITS

V4000

The V 4000 needle and nozzle kits are as follows:

Made of stainless steel.

Nozzle and needle kit (V series) 0.80

Code

564 181 50

Nozzle and needle kit (V series) 1.00

564 181 51

Nozzle and needle kit (V series) 1.20

564 181 52

Nozzle and needle kit (V series) 1.40

564 181 53

Nozzle and needle kit (V series) 1.80

564 181 54

Tungsten Carbide Versions.

Nozzle and needle kit (V series) 1.20 T.C.

564 181 01

Nozzle and needle kit (V series) 1.40 T.C.

564 181 02

Nozzle and needle kit (V series) 1.80 T.C.

564 181 03

Nozzle and needle kit (V series) 2.20 T.C.

564 181 04

Nozzle and needle kit (V series) 2.80 T.C.

564 181 05




















V 4000 RANGE AIR CAPS



AIR CAPS

INDUSTRIAL FINISHES MEDIUM PRESSURE				
AIR CAP	X765	X777	797	X20A
CODE	564 181 57	564 181 58	564 181 59	564 181 56
INDUSTRIAL FINISHES EPA SYSTEM			INDUSTRIAL FINISHES MEDIUM PRESSURE GRAVITY PAINTED SYSTEM	
AIR CAP	X7VIT	XT01B		X96
CODE	564 187 25	564 187 29		564 187 26
INDUSTRIAL FINISHES HVLP SYSTEM				
AIR CAP	XT03	X3030	500	600
CODE	564 187 27	564 182 07	564 182 31	564 181 61
HIGH VISCOSITY ABRASIVES MEDIUM PRESSURE				
AIR CAP	78	67	64	62
CODE	564 187 34	564 187 31	564 187 32	564 187 33

■ Medium Pressure System ■ EPA System ■ HVLP System

SAGOLA SPARES WARRANTY SERVICE **SAGOLA**

SAGOLA is committed to high-quality and service. For this reason SAGOLA provides with a warranty spares service for products supplied over the past 10 years.

SPRAY GUN

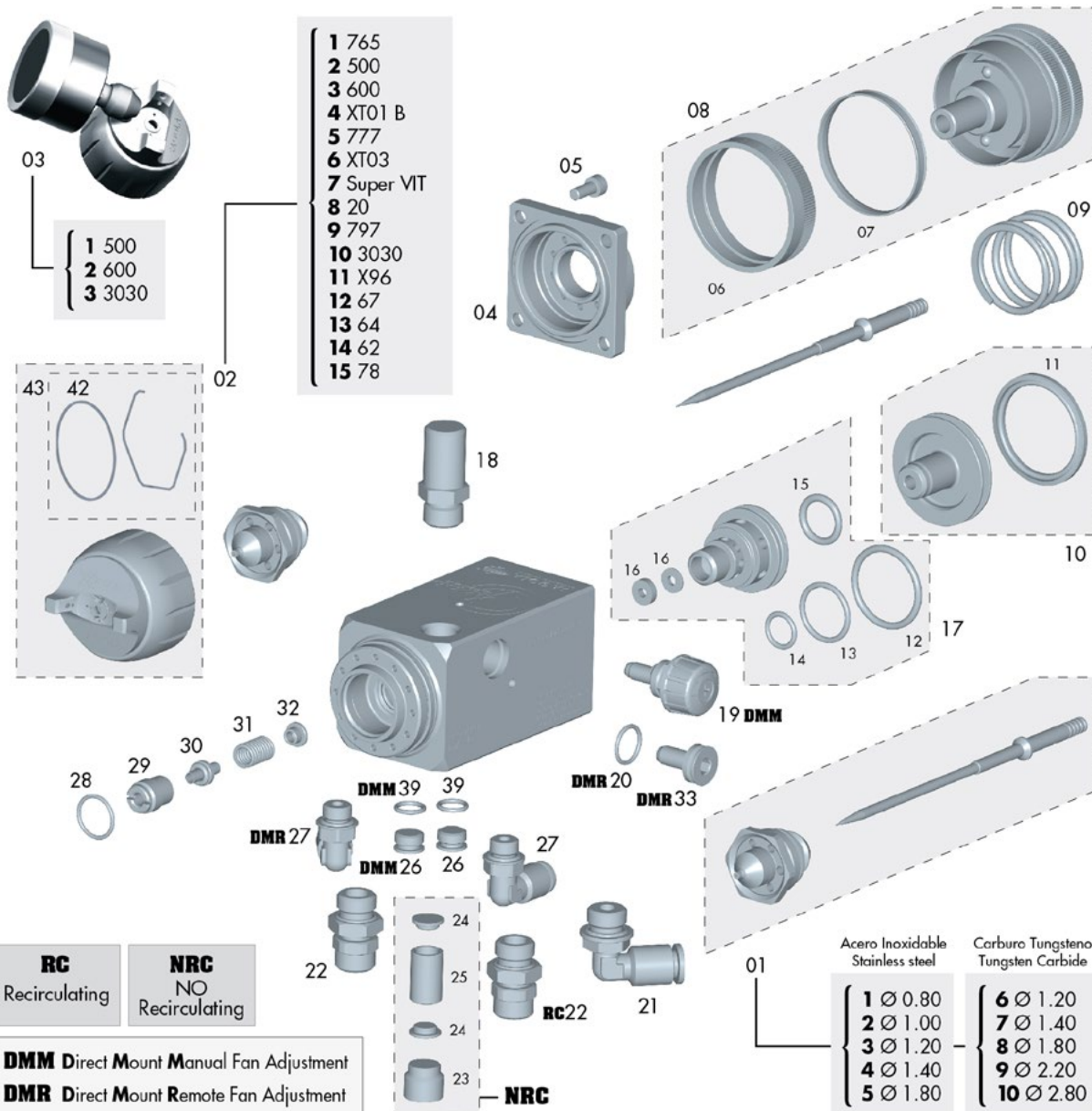
SAGOLA 
an Elcometer company

Automatic spray gun
Pistola automática

V4000

(*) Mín. 5 uds.

ed. 00



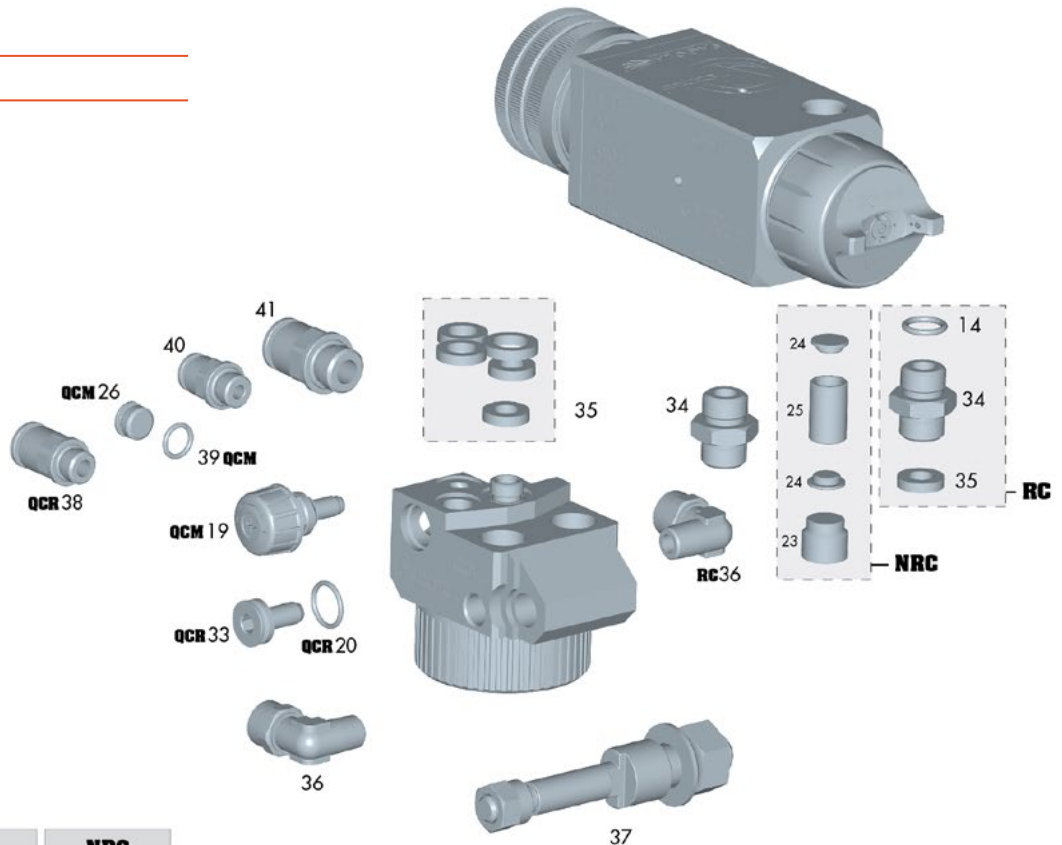
SAGOLA SPARES WARRANTY SERVICE SAGOLA

SAGOLA is committed to high-quality and service. For this reason SAGOLA provides with a warranty spares service for products supplied over the past 10 years.



V4000

BASE



RC Recirculating	NRC NO Recirculating
----------------------------	-----------------------------------

QCM Quick Change Manifold **M**anual Fan Adjustment
QCR Quick Change Manifold **R**emote Fan Adjustment

Nº	Cod.	U.	Nº	Cod.	U.	Nº	Cod.	U.	Nº	Cod.	U.	Nº	Cod.	U.
01/1	56418150	1	02/5	56418158	1	04	57111709	1	18	56310206	1	32	50810104	1
01/2	56418151	1	02/6	56418727	1	05	57250820	1	19	56415206	1	33	55712188	1
01/3	56418152	1	02/7	56418725	1	06	51910007	1	20	54250931	1	34	55710359	1
01/4	56418153	1	02/8	56418156	1	07	54210261	1	21	85760842	1	35	56418676	1
01/5	56418154	1	02/9	56418159	1	08	56415111	1	22	55751704	2	36	55751821	2
01/6	56418101	1	02/10	56418207	1	09	54710216	1	23	55712186	1	37	56410015	1
01/7	56418102	1	02/11	56418726	1	10	56413215	1	24	52910011	2	38	85770094	1
01/8	56418103	1	02/12	56418731	1	11	54250004	1	25	51910236	1	39	54250919	1
01/9	56418104	1	02/13	56418732	1	12	54250952	1	26	55712187	1	40	55751822	1
01/10	56418105	1	02/14	56418733	1	13	54250945	1	27	55751819	1	41	55751807	1
02/1	56418157	1	02/15	56418734	1	14	54250926	1	28	54210221	1	42	56418681	1
02/2	56418231	1	03/1	56418008	1	15	54250936	1	29	57212210	1	43	56418678	1
02/3	56418161	1	03/2	56418009	1	16	54210218	2	30	56412004	1			
02/4	56418729	1	03/3	56418005	1	17	56412108	1	31	54710221	1			

• Este dibujo no es la lista de materiales
 • This drawing is not the bill of materials
 • Este desenho não é a lista de materiais
 • Questo disegno non è la distinta base
 • Ce schéma n'est pas la liste de matériaux
 • Diese Zeichnung ist nicht die Stückliste

COMPLEMENTS SAGOLA

REMEMBER, always use original SAGOLA spare parts & accessories
in order to guarantee the proper operation of your painting equipment.

To guarantee the optimal operation and performance of our guns, always use SAGOLA equipment.

LOW PRESSURE PUMPS

DM 1/300 and DM 1/400 low pressure pumps have been designed to fit the needs of any kind of industry. From small metal, plastic or furniture factories to high performing industrial bodyshops.

Description	Code
DM 1/300 Pneumatic Pump	309 205 01
DM 1/300 Pneumatic Pump. Full Equipment	309 205 99
DM 1/400 Pneumatic Pump	309 204 01
DM 1/400 Pneumatic Pump. Full Equipment	309 204 99



DM 1/300

DM 1/400

PRESSURE POTS

Maximum robustness with bodies made of stainless steel. High precision regulators. With discharge valve.

Description	Code
6110 Inox / 10L Pressure pot	105 407 02
6110 Inox / 10L Pressure pot. Full Equipment	105 407 99
652 Inox / 25L Pressure pot	105 403 20
653 Inox / 50L Pressure pot	105 404 20
Premium 30 / 30L Pressure pot	205 305 20
Classic 30 Inox / 30L Pressure pot	205 307 02



6110 INOX

652/653 INOX

PREMIUM 30

HOSES FOR LOW PRESSURE EQUIPMENT

Anti-static air hose 8x15 mm.
Product hose 6x8 mm. with adapter 3/8"



Description	Code
5 m. hose set + cover	564 140 39
7.5 m. hose set + cover	564 140 44
10 m. hose set + cover	564 140 40
15 m. hose set + cover	564 140 41
20 m. hose set + cover	564 140 42

ANTI-STATIC AIR HOSE

Description	Code
6 m. air hose 8x15 mm. F/F 1/4"	564 140 24
11 m. air hose 8x15 mm. F/F 1/4"	564 140 25
16 m. air hose 8x15 mm. F/F 1/4"	564 140 27

PRODUCT HOSE

Description	Code
6 m. product hose 8x16 mm. F/F 3/8"	564 141 16
11 m. product hose 8x16 mm. F/F 3/8"	564 141 17
16 m. product hose 8x16 mm. F/F 3/8"	564 141 15

AIR + PRODUCT HOSE. VISCOSE

Description	Code
10 m. air hose 8 mm. + product hose 10 mm. Coles	564 141 16

MASK OF BREATHING

Mask with double paint filter against organic vapors and solvents.



Mask MP300

148 103 01

LUBRICANT GREASE

Special for the lubrication of the moving parts of the guns.



Lubricant grease

564 185 89

CLEANING KIT

Complete set for cleaning the outside and inside of the guns.



Cleaning kit

400 000 86

COMPLEMENTS

SAGOLA
an Elcometer company

SAGOLA
an Elcometer company



SAGOLA will refuse any responsibility for the damage of defects caused by spray guns with a similar appearance to the originals. These guns are imitations that **HAVE NOT BEEN MANUFACTURED BY SAGOLA, S.A.** The SAGOLA S.A.U. products are exclusively sold through our distributors, with spare parts and a 3-year worldwide guarantee against design and/or manufacturing defects.

ISO CERTIFICATES



SAGOLA S.A.U. has always displayed the quality of its products with pride, but lately, in view of its ever more demanding clients, it has obtained certifications that vouch for the guarantee of its know-how and its impeccable organisational quality.



MADE IN
SPAIN



SAGOLA, S.A.U.

Urarte, 6
01010 Vitoria - Gasteiz
(Álava) SPAIN
Tel.: (+34) 945 214 150
Fax: (+34) 945 214 147
sagola@sagola.com
www.sagola.com