

**Sirca** 

BY ASTURO



**SIRCA** with more than 300 employees and few production plants abroad, is an integral part of a leading group, together with Durante & Vivan.

Back in the early Seventies, Tarcisio and Luigi Durante brothers established Sirca company, nowadays one of the most known Italian companies in the wood coatings market, with a widespread network of specialised distributors in more than 50 countries, anywhere from Europe to Russia, Asia and Americas.

This success was achieved thanks to our focus on research and development: more than 20% of our staff consists of technicians, analysts, testers and colourists. This enables us to forecast new market trends and to satisfy those demands as soon as they arise, in order to grow together, just like a big family.

Due to our leading presence in the wood market sector and for keeping an high quality service to our customers, we decided to select a range of spray guns and pumps produced for us by the famous Italian brand ASTURO.

Asturo is one of the most important manufacturers in the coating equipment sector in the world. Starting early in 1925, it was the very first company in Italy to manufacture spray guns.

Today is a modern and dynamic company, part of LTF group, fast becoming recognised worldwide as a quality producer.

With this range of high-tech finishing and pumping equipments selected for SIRCA, which are designed by skilled engineers and manufactured with state of the art using technologically advanced machinery, we can provide reliable and productive solutions to most coating applications throughout the world.

This important cooperation is meant to be just the starting point for our common mission: assuring to all customers both professional and economic successes in their business.

Physical characteristics and dimensional allowances are analysed and tested step by step along the production process, to make sure that starting projects and final manufactured results perfectly match.

Each pump and spray gun is guaranteed by the CE mark, which certifies the conformity to EEC directives on Safety and Terms of use, and are supported by detailed technical handbooks, which are shipped together with each item.

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ART.  
**AT-120**



## G70 - G70/A LOW PRESSURE MANUAL SPRAY GUN - LOWER CUP

### APPLICATIONS:

- Fit for artisans wood and bodywork industry

### USABLE MATERIALS:

- Transparent paints • Paints • Monocomponent enamels
- Liquid paints • Double layer metallised paints • Pastel shades
- Heavy and monocomponent enamels
- Bicomponent enamels

### FEATURES:

- 34 fl. oz. cup bayonet for art. AT-120
- Easy to use

### TECHNICAL DATA

Body weight:	17.5 oz.
Air consumption:	4.5-8 c.f.m.
Operating pressure:	50÷71 psi
Max pressure:	71 psi
Air inlet:	1/4" M

<b>COD.</b>	<b>1 8</b>
<b>Nozzle size mm</b>	<b>1,8</b>
<b>AT-121xx</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-137**



## E70 LOW PRESSURE MANUAL SPRAY GUN - TOP CUP

### APPLICATIONS:

- Fit for artisans wood and bodywork industry

### USABLE MATERIALS:

- Transparent paints • Paints • Monocomponent enamels
- Liquid paints • Double layer metallised paints • Pastel shades
- Heavy and monocomponent enamels
- Bicomponent enamels

### FEATURES:

- Gravity feeding • 17 fl. oz. aluminum cup for art. AT-137

### TECHNICAL DATA

Body weight:	15.3 oz.
Air consumption:	4.5-8 c.f.m.
Operating pressure:	50÷71 psi
Max pressure:	71 psi
Air inlet:	1/4 M

<b>COD.</b>	<b>1 8</b>
<b>Nozzle size mm</b>	<b>1,8</b>
<b>AT-121xx</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-906**



**AB-17G LOW PRESSURE  
MANUAL SPRAY GUN - TOP cup**

**APPLICATIONS:**

- Fit for painting ferrous materials wood and plastic

**USABLE MATERIALS:**

- Paints and monocomponent enamels • Liquid paints
- Double layer materials • Heavy and monocomponent enamels • Bicomponent paints • Water-based paints

**FEATURES:**

- Aluminum body • Stainless steel needle and nozzle
- Micrometric regulations of air pressure • 20 fl. oz. autoclave cup

**TECHNICAL DATA**

Body weight:	20,8 oz.
Air consumption:	3-8 c.f.m.
Operating pressure:	43 psi
Max pressure:	43 psi
Tank capacity:	20 fl. oz.
Air inlet:	1/4" M

<b>COD.</b>	<b>17</b>
<b>Nozzle size mm</b>	<b>1,7</b>
<b>AT-906xxSR</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-183**



**BRP LOW PRESSURE  
MANUAL SPRAY GUN**

**APPLICATIONS:**

- Good finishes • Fit for the painting of ferrous material wood and plastic

**USABLE MATERIALS:**

- Paint and monocomponent enamels • Liquid paints
- Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent paints
- Water-based paints

**FEATURES:**

- Nickel-plated aluminum body • Stainless steel needle and nozzle • Stainless steel product inlet fitting
- Low pressure feeding:
  - K24 double diaphragm pump
  - Under pressure tank

**TECHNICAL DATA**

Body weight:	13.2 oz.
Air consumption:	6.35 c.f.m.
Operating pressure:	50 psi
Max pressure:	71 psi
Product inlet:	1/4 M
Air inlet:	1/4 M

<b>COD.</b>	<b>19</b>
<b>Nozzle size mm</b>	<b>1,9</b>
<b>AT-149xx</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-905P**



## H-827P LOW PRESSURE MANUAL SPRAY GUN

### APPLICATIONS:

- Fit for painting ferrous materials wood and plastic

### USABLE MATERIALS:

- Paints and monocomponent enamels • Liquid paints
- Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent paints
- Water-based paints

### FEATURES:

- 20 fl. oz. nylon cup • Anodized aluminum body
- Stainless steel needle and nozzle • Micrometric regulation of air pressure • Feed in gravity and in pressure
- Suitable for good viscosity paints • Nickel-brass inlet

### TECHNICAL DATA

Body weight:	16.75 oz.
Air consumption:	7.7 c.f.m.
Operating pressure:	43 psi
Max pressure:	71 psi
Tank capacity:	20 fl. oz.
Air inlet:	1/4" M

<b>COD.</b>	<b>2 0</b>
<b>Nozzle size mm</b>	<b>2,0</b>
<b>AT-905xxSR</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-184**



## BBS/P LOW PRESSURE MANUAL SPRAY GUN - TOP CUP

### APPLICATIONS:

- Fit for painting ferrous materials wood and plastic

### USABLE MATERIALS:

- Paints and monocomponent enamels • Liquid paints
- Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent paints • Water-based paints

### FEATURES:

- Gravity and in pressure feeding • Used for high viscosity materials application • 20 fl. oz. paint cup with filter • Knob regulating rate of incoming air flow • Nickel-plated brass inlet Needle, nozzle stainless steel • Body in nickel-plated aluminum

### TECHNICAL DATA

Body weight:	16.75 oz.
Air consumption:	8.5 c.f.m.
Operating pressure:	58 psi
Max pressure:	71 psi
Tank capacity:	20 fl. oz.
Air inlet:	1/4 M

<b>COD.</b>	<b>1 9</b>
<b>Nozzle size mm</b>	<b>1,9</b>
<b>AT-189xx</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-905A**



## H827A LOW PRESSURE MANUAL SPRAY GUN - TOP CUP

### APPLICATIONS:

- Fit for painting ferrous materials wood and plastic

### USABLE MATERIALS:

- Paints and monocomponent enamels • Liquid paints • Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent

### FEATURES:

- Light and compact aluminum • body Stainless steel needle and nozzle • Micrometric regulation of air pressure • 17 fl. oz. aluminum gravity cup for art. AT-905A

### TECHNICAL DATA

Body weight:	16.75 oz.
Air consumption:	7.7 c.f.m.
Operating pressure:	43 psi
Max pressure:	71 psi.
Art. AT-905A	
Tank capacity aluminum:	17 fl. oz.
Air inlet:	1/4 M

COD.	2 0
Nozzle size mm	2,0
AT-905xxSR	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-2550700**



## HIGH PRESSURE AIRLESS SPRAY GUNS K1 MIX

Air assisted airless spray gun, light and ergonomic anodized aluminum body, stainless steel head, nozzle, needle, springs and product inlet joint, Teflon packing, tungsten carbide seat and needle lock ball.

It is indispensable for water-based products application in accordance with laws against pollutions.

### TECHNICAL DATA

Air consumption:	7 c.f.m.
Max fluid pressure:	2,000 psi
Operating pressure:	15÷50 psi
Product inlet:	1/4" M
Air inlet:	1/4" M
Weight:	21.1 oz.

COD.	2 5 5 0 7
Description	K1 MIX spray gun (without nozzle)

ART.  
**AT-MI**



## AIRLESS HIGH PRESSURE SPRAY GUNS ACCESSORIES

nozzle for MIX spray guns - various sizes (see table)



ART.  
**AT-250**



## K1/S LEGEND HVLP SPRAY GUN

### APPLICATIONS:

- Good finishes • Fit for painting of ferrous materials wood and plastic

### USABLE MATERIALS:

- Paint and monocomponent enamels • Liquid paints
- Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent paints
- Water-based paints

### FEATURES:

- Spray gun with gravity feeding • 20 fl. oz. ultra strong nylon cup • Re-usable paint filter • Universal accident prevention wall bearing • Wide and smooth spray fan
- Anodized aluminum body • Stainless steel alloy
- Needle, nozzle stainless steel

### TECHNICAL DATA

Body weight:	16.75 oz.
Air consumption:	7.7 c.f.m.
Operating pressure:	36 psi
Max pressure:	36÷71 psi
Tank capacity:	20 fl. oz.
Air inlet:	1/4" M

<b>COD.</b>	<b>1 7</b>
<b>Nozzle size mm</b>	<b>1,7</b>
<b>AT-251xx</b>	spare parts (needle, air cap kit, nozzle)

ART.  
**AT-198**



## BBS HVLP LOW PRESSURE GRAVITY SPRAY GUN

### APPLICATIONS:

- Fit for painting ferrous material, wood and plastic

### USABLE MATERIALS:

- Paints and monocomponent enamels • Liquid paints
- Double layer materials • Pastel shades • Heavy and monocomponent enamels • Bicomponent dyes
- Water-based paints

### FEATURES:

- Gravity feeding • 20 fl. oz. paint cup with filter • Knob regulating rate of incoming air flow • Nickel-plated brass inlet • Needle, nozzle stainless steel • Body in nickel-plated aluminum

### TECHNICAL DATA

Body weight:	16.75 oz.
Air consumption:	7.4 c.f.m.
Operating pressure:	50 psi
Max pressure:	71 psi
Tank capacity:	20 fl. oz.
Air inlet:	1/4" M

<b>COD.</b>	<b>1 7</b>
<b>Nozzle size mm</b>	<b>1,7</b>
<b>AT-199xx</b>	spare parts (needle, air cap kit, nozzle)



ART.  
**AT-3330000**



**FP-8  
PRESSURE TANK**

Stainless steel 8 lt pressure tank. Fluid pressure regulator. Single gun connection.

ART.	08868	COD.	75
Description	air/product double hose, 7,5 m length, 1/4" F joint		

ART.  
**AT-2300700**



**VISCOSITY CUP**

Viscosity cup Ford 4.  
Very important for correct paint preparation.

**HIGH PRESSURE NOZZLES RANGE TABLE**

MATERIALS	SUITABLE PUMP	NOZZLE	ART.	COD.	SPRAYING ANGLE	ORIFICE mm	inch	FAN AT 30 cm	GUN STOCK FILTER	
Transparent and pigmentated paints, enamels	K30 K300	07x10	SP0710	10	10°	0,18	0,007	13,5 cm	RED 200 M	
		07x20	SP0720	20	20°	0,18	0,007			
		07x30	SP0730	30	30°	0,18	0,007			
		07x40	SP0740	40	40°	0,18	0,007	16,5 cm		
		07x50	SP0750	50	50°	0,18	0,007	19 cm		
		07x60	SP0760	60	60°	0,18	0,007	14 cm		
		09x10	SP0910	10	10°	0,23	0,009			
		09x20	SP0920	20	20°	0,23	0,009			
		09x30	SP0930	30	30°	0,23	0,009			16 cm
		09x40	SP0940	40	40°	0,23	0,009	17,5 cm		
Nitre, synthetic and poliurethanic paints	K30 K300	11x10	SP1110	10	10°	0,28	0,011	9 cm	YELLOW 100 M	
		11x20	SP1120	20	20°	0,28	0,011	14,5 cm		
		11x30	SP1130	30	30°	0,28	0,011	12,5 cm		
		11x40	SP1140	40	40°	0,28	0,011	18,5 cm		
		11x50	SP1150	50	50°	0,28	0,011	21,5 cm		
		11x70	SP1170	70	60°	0,28	0,011	10 cm		
		11x80	SP1180	80	10°	0,28	0,011			
		13x10	SP1310	10	20°	0,33	0,013			15,5 cm
		13x20	SP1320	20	30°	0,33	0,013			15,5 cm
		13x40	SP1340	40	40°	0,33	0,013	20 cm		
Spray filler Charged primers Inorganic zinc Washable paint on plaster primers	K30 K300	15x10	SP1510	10	10°	0,38	0,015	9 cm	WHITE 60 M	
		15x20	SP1520	20	20°	0,38	0,015	16,5 cm		
		15x40	SP1540	40	40°	0,38	0,015	21,5 cm		
		15x50	SP1550	50	50°	0,38	0,015	24,5 cm		
		15x60	SP1560	60	60°	0,38	0,015	26,5 cm		
		15x90	SP1590	90	90°	0,38	0,015	18 cm		
		17x10	SP1710	10	10°	0,43	0,017			
		17x40	SP1740	40	40°	0,43	0,017			22,5 cm
		17x50	SP1750	50	50°	0,43	0,017			28 cm
		17x60	SP1760	60	60°	0,43	0,017	28 cm		
		17x70	SP1770	70	70°	0,43	0,017	32,5 cm		
		18x10	SP1810	10	10°	0,46	0,018	12,5 cm		
		18x20	SP1820	20	20°	0,46	0,018	16,5 cm		
		18x30	SP1830	30	30°	0,46	0,018	20,5 cm		
		18x40	SP1840	40	40°	0,46	0,018			
		18x60	SP1860	60	60°	0,46	0,018			
		19x20	SP1920	20	20°	0,48	0,019			14,5 cm
		19x40	SP1940	40	40°	0,48	0,019	18,5 cm		
		19x50	SP1950	50	50°	0,48	0,019	26 cm		
		19x60	SP1960	60	60°	0,48	0,019	29,5 cm		
19x70	SP1970	70	70°	0,48	0,019	32 cm				
19x80	SP1980	80	80°	0,48	0,019	40 cm				

ART.  
**AT-212403K**



## K24 DOUBLE DIAPHRAGM PUMP

Fit for furniture, plastic and metal handwork painting, industrial bodywork and automotive, airspace, nautic industry.

### USABLE MATERIALS:

Water and solvent based products, enamels, lakes, dyes, transparents, primers, bucciato paints, hammered, gofratto, glues and adhesives.

TECHNICAL DATA	
Fluid flow:	6.2 g.p.m.
Ratio:	1 : 1
Nozzle:	0,5÷5 mm
Working air press:	15÷116 psi
Fluid outlet:	1/4" M
Air inlet:	1/4" M

ART. AT-212403K	COD. 03
Description	K24 pump only
ART. AT-212403K	COD. 03K
Description	K24 pump w/ fixed cart, complete with: 00600 12l paints aspiration system F1/2" stainless 05200

ART.  
**AT-0730006**



## K300 - ELECTRIC HIGH PRESSURE DIAPHRAGM PUMPS

Indoor painting, small to medium size objects.

### USABLE MATERIALS:

Synthetic, acrylic and water paints, single and double component enamels, polyurethane, fillers latex and water-solubles, washables, epoxy paints primers, rust prevention treatments, fillers for crack repairs in edile redevelopment, pesticides.

### TECHNICAL DATA

Free flow:	0.74 g.p.m.
Motor:	230 V 50Hz
Power:	1 HP
Nozzle:	7÷18 µ/inch
Dimensions:	
fixed carriage	31.5x19.3x9 inc.
mobile carriage	36x33x20 inch
Weight fixed carriage:	57 lb
Weight mobile carriage:	64 lb

ART.	AT- 730006	COD.	05
Description	K300 Airless electric pump on cart (pump only) - 230V		

ART.	AT-730005	COD.	3K
Description	AT-01113 04i Fitting with pressure gauge, 1/4" FM fitting AT-01090 04 Airless gun K 90, 1/4" (M) fitting AT-02011 00 MKII Speedy autocleaner		

ART.	AT-63629	COD.	29
Description	paint suction system F 36x2 90°		

ART.  
**AT-143000MIP**



**K30 MIX**

Air mix spraying system, aluminum pump body Stainless steel pump body, Stainless steel paint suction pumping components, fit for painting of ferrous materials, wood, plastic.

**USABLE MATERIALS:**

Synthetic paints and enamels, poliurethanic paints nitre, enamels, dyes, water-based paints, primers

TECHNICAL DATA	
Volume:	2 oz.
Delivery:	1.7 g.p.m.
Air consumption:	29.66 c.f.m.
Nozzle:	7÷26 µ/inch
Max pressure product:	3,480 psi
Max air pressure:	43÷116 psi
Dimensions:	23x19.3x39 inch
Weight:	66 lb

ART. AT-143000MIP	COD. 001
Description	K30 stainless steel pump on cart with regulation filter
ART. AT-111304i	COD. 041
Description	fitting with pressure gauge, 1/4" FM stainless steel fitting
ART. AT-60349i	COD. 10
Description	F 3/4" 90° stainless steel paint suction system
ART. AT-651675	COD. 10
Description	double HAT hose Ø 3/16", length 7,5 m (33 ft) 1/4" F fitting



## MAINTENANCE GUIDELINES - AEROGRAPHS

### **PRESSURE DISCHARGING PROCEDURE**

When the spray equipment is shut down in order to perform in progress or after work adjustments, it is necessary to completely discharge the pressure inside the system .

### **WARNING**

Inside the flexible pipe the air is still at the working pressure.

### **DISCHARGING PROCEDURE:**

- 1) Switch off the compressor, in order to cut the air supply
- 2) Take a metallic bucket, be sure it is firmly placed on the ground, fix the aerograph into a bucket face, and then pull the lever to unload the product.
- 3) Clean all the equipment as explained in the following paragraph.

### **ORDINARY MAINTENANCE**

The ordinary maintenance of an aerograph is very easy and fast, it doesn't require particular operations, due to the fact that its components are lubrication-free.

To guarantee its perfect long lasting efficiency, it is necessary to clean it daily or anyway at the end of the working day, in order to avoid drying of remaining part of product inside the pipes.

### **CLEANING:**

Pour some clean thinner into the tank, shake the aerograph and spray (repeat this operation at least twice). Unscrew the ring which fixes the cap, with the key included in the equipment, disassemble the nozzle.

Place it into a cup filled with thinner, clean the head of the aerograph and its needle; clean then the inner part of the nozzle with the included pipe cleaner.

Assemble the aerograph, add some oil drops on the thread and close strongly.

**DO NOT USE ANY SHARP METALLIC OBJECT TO CLEAN POSSIBLE CLOGGINGS, IT COULD CAUSE DAMAGES, DECREASING THE QUALITY OF THE SPRAY OPERATIONS.**

Clean with some thinner the tank and its lid (if the equipment has not to be used again don't assemble the tank), clean the outer part of the aerograph with a cloth soaked with thinner.

In case of use of an automatic washing machine, it is strictly recommended to close strongly the spray regulator and the needle motion one, screw them clockwise and strongly to limit thinner seepage which can cause gasket damages.

Occasionally it is necessary to oil with some drops of synthetic lubricant threaded parts, like the ring closing cap, the needle motion regulator and the air valve rod, in order to avoid seizures due to the aggression of the thinner on aerograph components.

**LUBRICANTS USED MUST NOT CONTAIN ANY SILICONE COMPOUNDS.**

**ATTENTION: IN CASE OF NEED PLEASE CONTACT SIRCA TECHNICAL ASSISTANCE.**







**Sirca** 

INDUSTRIA RESINE E VERNICI PER IL LEGNO

AZIENDA CON SISTEMA QUALITÀ  
CERTIFICATO DA DNV  
= UNI EN ISO 9001/2008 =