



Larius Industrial Technology Solutions

The best solution for each individual application

www.larius.com

AIRLESS TECHNOLOGY

Superior performance and resistance



*Main applicable products

Maximum pressure produced up to 480 bar

- Water and solvent-based paints
- Natural paints
- Epoxy paints
- Silicate paints
- Single and dual component paints
- Polyurethane paints
- Textured paints
- Dual component anti-corrosive products
- Products for tanneries
- Protective coatings
- Surface coatings
- Flame retardants
- Fillers
- Bitumens
- Undercoat paints
- Primers
- Fixatives
- Detergents and degreasers
- Emulsions
- Galvanized
- Removers
- Latexes
- Enamels, Water paints, Lacquers
- Colourings, Emulsions, Acrylics

Possible applications

- Protective treatments
- Anti-corrosion painting
- Epoxy coatings
- internal coatings of basins, tanks, pipes, rolling stock, manholes...
- Leather and hide working
- Structural steelwork
- Paintwork:
 - agricultural and earthwork machinery
 - industrial vehicles (chassis-cabs, trucks, cement mixers, forklifts...)
 - heavy mechanics (beams, tanks, electricity masts, scaffolding...)
 - light mechanics (drums, extinguishers, shelving, electrical panels...)
- Cleaning and descaling surfaces

**Larius analyses the technical specifications sheet of the product to recommend the most suitable equipment for the required use.*

Airless equipment range Atex certified - Atex

MODEL	RATIO	AIR PRESSURE SUPPLY MAX.	SUPPLY PRODUCT	FLOW RATE L/M	C.C. CYCLE
Nova	45:1	Max. 7 bar	270 bar	14 l/m	230
	60:1	Max. 7 bar	360 bar	12 l/m	200
	68:1	Max. 7 bar	408 bar	11 l/m	180
Super Nova	45:1	Max. 7 bar	270 bar	14 l/m	230
	68:1	Max. 7 bar	408 bar	11 l/m	180
	80:1	Max. 7 bar	480 bar	9 l/m	139
Omega	23:1	Max. 7 bar	135 bar	14 l/m	230
	30:1	Max. 7 bar	180 bar	12 l/m	200
	34:1	Max. 7 bar	204 bar	11 l/m	200
Super Omega	23:1	Max. 7 bar	135 bar	14 l/m	230
	34:1	Max. 7 bar	204 bar	11 l/m	185
	40:1	Max. 7 bar	204 bar	9 l/m	139
Sirio	27:1	Max. 6 bar	189 bar	9,2 l/m	153
	*30:1	Max. 6 bar	210 bar	7,5 l/m	125
	32:1	Max. 6 bar	224 bar	8,2 l/m	137
*Plunger Piston	*45:1	Max. 6 bar	270 bar	5 l/m	83
Ghibli	30:1	Max. 8 bar	240 bar	4 l/m	60
	40:1	Max. 8 bar	320 bar	3 l/m	45
Vega	34:1	Max. 8 bar	230 bar	1,4 l/m	19
Ghibli Zinc	30:1	Max. 8 bar	240 bar	4 l/m	60
Omega Zinc	30:1	Max. 8 bar	180 bar	12 l/m	200
Super Omega Zinc	34:1	Max. 8 bar	204 bar	11 l/m	185
Super Nova Zinc	45:1	Max. 8 bar	270 bar	14 l/m	230



Airless painting Atomisation of the product takes place by making the product pass at a high pressure, greater than 120 bar, through a nozzle that is size calibrated.

The product reaches such a speed and force that the impact with the air mass causes its division into minute particles.

The pressure to be exerted is proportional to the flow required and the physical characteristics of the product.

The shape of the jet is determined by the shape of the nozzle. The size of the nozzle must be changed to alter the flow rate and the spray pattern.

The airless paint jet is directional and not subject to turbulence.

The vast range of equipment satisfies every need, determined by the type of material, the flow required and the degree of finishing desired.

A complete range of accessories, kits and professional spare parts guarantee maximum equipment performance, ensure its correct operation and greater safety in use.

The pumps can be supplied in various configurations: fixed to a trolley, wall bracket or directly on the container in order to allow rapid maintenance and practical use.

- Better paint transfer onto the product
- No overspray
- Better atomisation quality
- Uniform jet spraying
- Quick application
- Material savings
- Anti-frost motor Nova - Omega series
- High flow capacity
- Sturdy structure, easy to handle and compact
- Allows you to work even in the smallest areas
- Automatic stop and start:
the pump stops automatically if the valve is closed on the supply line and it restarts when this valve is opened.
- Flow capacity adjustment:
acting on the air supply valve and using an RFL unit equipped with a pressure gauge the flow capacity is adjusted more accurately.
- Adjusting the air supply pressure
the air supply pressure is adjusted acting manually on the FLR unit pressure reducer. Operating with an air supply pressure no greater than 8 bar much higher pressures can be achieved thanks to the air motor's compression ratio.



AT 250

Max. pressure 250 bar



L91X.

Max. pressure 500 bar



Manual Airless Guns

Atex II 2 G Ex h IIB T6 Gb

- Constant jet without fluctuations
- Even coverage
- Perfect finish
- Reduced Overspray
- High transfer speed
- No dripping
- Uniform spray pattern
- Wide range of airless nozzles
- Resistant to aggressive materials
- Ergonomic grip
- Lightweight gun body
- Swivel joint.
- Greater manoeuvrability
- Mesh impurity filters 30-60-100-200
- Hand and finger guards
- Safety lever to prevent involuntary opening of the valve
- Complete with hanging hook
- Quick maintenance
- Minor replacements

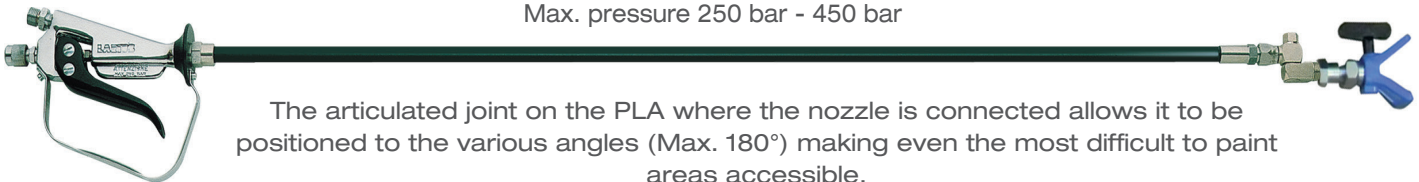
Airless Gun Extensions

30 cm - 40 cm - 60 cm - 80 cm - 100 cm



PLA Airless Gun

Max. pressure 250 bar - 450 bar



The articulated joint on the PLA where the nozzle is connected allows it to be positioned to the various angles (Max. 180°) making even the most difficult to paint areas accessible.



LA95 Automatic Airless Spray Gun

Atex II 2 G Ex h IIB T6 Gb

Suitable for painting and sealing

Super Fast Clean nozzle

Sizes from 11-20 to 51-80



Airless Nozzles

SS and PTFE gaskets.

- Optimises performance
- Improves productivity and the final quality of the work
- Decreases excess spray
- Saves time and material
- Long use cycle

It is essential that you never use a painting nozzle larger than the one your machine can support.

The operating pressure of the spray gun and the abrasive materials wear the nozzle over time, decreases the size of the spray patten and requiring more passes in order to complete the work with greater waste of time and paint.

We recommend immediately replacing a worn nozzle as it could exceed the maximum flow capacity of your spray gun.

Nozzle technical specifications table

Nozzle	Spray angle	Ø Inches	Ø Millimetres	50 bar	100 bar	150 bar	200 bar
11-20	20°						
11-40	40°	0.011"	0.28	0.27	0.39	0.47	0.55
13-20	20°						
13-40	40°	0.013"	0.33	0.40	0.57	0.69	0.80
13-60	60°						
15-20	20°						
15-40	40°	0.015"	0.38	0.53	0.75	0.91	1.06
15-60	60°						
17-20	20°						
17-40	40°	0.017"	0.43	0.71	1.00	1.22	1.41
17-60	60°						
19-20	20°						
19-40	40°	0.019"	0.48	0.89	1.25	1.53	1.77
19-60	60°						
21-20	20°						
21-40	40°	0.021"	0.53	1.08	1.52	1.87	2.15
21-60	60°						
23-20	20°						
23-40	40°	0.023"	0.58	1.29	1.82	2.23	2.57
23-60	60°						
25-20	20°						
25-40	40°	0.025"	0.63	1.49	2.10	2.56	2.90
25-60	60°						
27-20	20°						
27-40	40°						
27-60	60°	0.027"	0.68	1.77	2.50	3.05	3.50
27-80	80°						
29-20	20°						
29-40	40°						
29-60	60°	0.029"	0.74	2.12	3.00	3.66	4.30
29-80	80°						
31-40	40°						
31-60	60°	0.031"	0.79	2.41	3.41	4.18	4.83
31-80	80°						
33-40	40°						
33-60	60°	0.033"	0.83	2.76	3.90	4.75	5.50
33-80	80°						
35-40	40°	0.035"	0.89	3.25	4.40	5.25	6.00
37-40	40°	0.037"	0.94	3.22	4.56	5.58	6.45
39-40	40°						
39-60	60°	0.039"	1.00	3.55	5.00	6.10	7.10
39-80	80°						
41-40	40°	0.041"	1.05	4.35	6.20	7.35	8.10
43-40	40°						
43-60	60°	0.043"	1.10	4.83	6.83	8.37	9.67
43-80	80°						
45-60	60°	0.045"	1.15	6.00	7.50	9.00	9.80
47-60	60°	0.047"	1.20	6.90	8.00	9.60	10.70
51-60	60°						
51-80	80°	0.051"	1.30	6.40	9.10	11.10	12.20

Size of the spray pattern

This is defined by the spray angle with spraying at a distance of 30 mm from the surface.

Orifice size

This determines the quantity of paint that flows through the nozzle.

The effective flow capacity depends on the spray pressure and the paint used. A high pressure implies a greater flow capacity, whereas a thicker paint corresponds to a lower flow capacity.

Each painting machine has a maximum flow capacity and a larger nozzle than the one your equipment supports must never be used.



Super Fast Clean Base



Super Fast Clean SFC Nozzle with SS gasket



Complete Super Fast Clean

Test liquid: Water.

ATTENTION: The listed flow capacities are approximate and should not be used as an absolutely precise reference.

LOW PRESSURE TECHNOLOGY

“Constant” flow for high quality performance.



* Main applicable products

Maximum pressure produced up to 30 bar

- Water based paints
- Solvent based paints
- Natural paints
- Epoxy paints
- Polyurethane paints
- Silicate paints
- Phenolic paints
- Single component paints
- Dual component paints
- Wood varnishes
- Ultraviolet paints
- Textured paints
- Hammered effect paints
- Structured paints
- Synthetic resin based paints
- Dual component anti-corrosive products
- Products for tanneries
- Protective coatings
- Undercoat paints
- Water repellents
- Detergents and degreasers
- Emulsions
- Liquid galvanized
- Removers
- Isocyanates
- Latexes
- Undercoat paints
- Stains
- Lacquers and cold dual component lacquers
- Enamels, Colourings, Emulsions, Acrylics, Undercoat paints, Transparent paints

**Larius analyses the technical specifications sheet of the product to recommend the most suitable equipment for the required use.*

Possible applications

- Wood Production and Finishing
- Production and finishing of cabinets, furniture, drawers, closets, radiator covers...
- Production of mouldings and architectural finishes
- Production and painting of lifts
- Finishing of fixtures and door/window frames
- Finishing of common metals
- Finishing of cane furniture and baskets
- Finishing in the aeronautical and aerospace sector
- Paintwork:
 - agricultural and earthwork machinery
 - industrial vehicles (chassis-cabs, trucks, cement mixers, forklifts...)
 - heavy mechanics (beams, tanks, electricity masts, scaffolding...)
 - light mechanics (drums, extinguishers, shelving, electrical panels...)

In low pressure painting the product is atomised by a compressed air jet that is used to transport the particles on the surfaces to be painted. The compressed air that comes out of the head determines the paint spray which is controlled by adjusting the air or paint flow.

This type of painting takes place with the aid of professional low pressure V71 or V77 air brushes which have spray guns made of aluminium whereas the head and nozzle are made of tempered SS and the gaskets are made of PTFE. To these are joined ultra-flexible low pressure twin tubes to guarantee the user maximum freedom of movement.

A complete range of accessories, kits and professional spare parts guarantee maximum equipment performance, ensure its correct operation and greater safety in use.

The range of low pressure pumps satisfies every need, determined by the type of material, the flow required and the degree of finishing desired.



- High transfer efficiency
- Low air consumption
- Low pulsations
- Possibility of applying a wide range of low and medium viscosity products
- User friendly
- Simple and quick maintenance
- Minor replacements



Range of low pressure paint systems

Atex certified  II 2 G c IIB T4

MODEL	VERSION	RATIO	AIR PRESSURE SUPPLY	MAX. PRESSURE PRODUCT	FLOW RATE L/M
Larius 2	Std / SS Trolley / Wall / Tank	1:1	1-7 bar	7 bar	21 l/m
Vega 5:1	SS Trolley	5:1	3-8 bar	30 bar	10 l/m

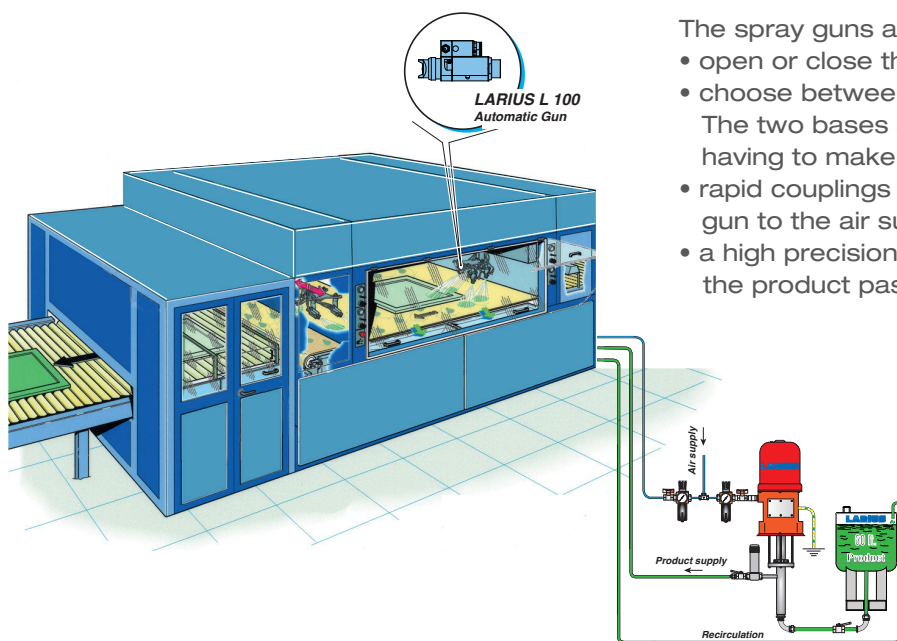
Low Pressure L100 - L101 Spray Gun

Atex Ⓜ II 2 G Ex h IIB T6 Gb

Max. operating pressure 8 bar.



The L200-L201 automatic spray guns optimise performance for painting metal and wood; all of the parts in contact with the product are made of SS to ensure a longer life and resistance over time. Characterised by the ease of mounting and removing components for maintenance.



The spray guns allow you to:

- open or close the product recirculation valve
 - choose between the two product inlet bases.
- The two bases are completely interchangeable without having to make changes to the spray gun body
- rapid couplings to speed up the connection of the spray gun to the air supply line
 - a high precision cap for adjusting the product passage inlet is provided.

MA98L Automatic spray gun - Low pressure

Atex Ⓜ II 2 G Ex h IIB T6 Gb

Suitable for heavy duty, continuous use.



MA98L Automatic spray gun - Low pressure with extension

Suitable for heavy duty, continuous use.



MIST-LESS TECHNOLOGY

The “perfect” combination.



*Main applicable products

Maximum pressure produced up to 180 bar

- Water and solvent-based paints
- Natural paints
- Wood varnishes
- Ultraviolet paints
- Epoxy paints
- Silicate paints
- Polyurethane paints
- Phenolic paints
- Single and dual component paints
- Textured paints
- Dual component anti-corrosive products
- Products for tanneries
- Protective coatings
- Surface coatings
- Undercoat paints
- Fixatives
- Transparents
- Water repellents
- Detergents and degreasers
- Emulsions
- Isocyanates
- Removers
- Latexes
- Lacquers and cold dual component lacquers
- Enamels, Colourings, Emulsions, Acrylics

Possible applications

- Installation in systems for preparation and varnishing of wood
- Wood bearing structure finishing for civil use and public areas
- Wood structures: beams and panels
- Varnishing of work wood, semi-finished products, forms, frames
- Varnishing prefabricated houses and outdoor structures in wood
- Production and finishing of cabinets, furniture, drawers, closets, radiator covers
- Production of mouldings and architectural finishes
- Finishing of fixtures, door/window frames, counterframes for doors, floors, ceilings, stairs
- Painting of common metals
- Structural steelwork
- Finishing of cane furniture and baskets
- Finishing in the aeronautical and aerospace sector
- Protective coatings
- Paintwork:
 - agricultural and earthwork machinery
 - industrial vehicles (chassis-cabs, trucks, cement mixers, forklifts...)
 - heavy mechanics (beams, tanks, electricity masts, scaffolding...)
 - light mechanics (drums, extinguishers, shelving, electrical panels...)

**Larius analyses the technical specifications sheet of the product to recommend the most suitable equipment for the required use.*

Mist-less pneumatic equipment

Atex certified  II 2 G c IIB T6

MODEL	VERSION	RATIO	AIR PRESSURE SUPPLY	MAX. PRESSURE PRODUCT	FLOW RATE L/M	C.C. CYCLE
Vega 34:1	SS / Trolley Wall / Tank	34:1	3-8 bar	230 bar	1,4 l/m	19
Ghibli 30:1	Std / SS Trolley	30:1	3-8 bar	240 bar	4 l/m	60

Mist-less painting combines the benefits of airless technology with those of low pressure for the purpose of improving atomisation and, consequently, the finishing of the product to be painted.

High pressure painting combined with air assistance makes it so that the atomisation takes place making the product pass at a pressure of no less than 60 bar.

The mist-less pumps are fitted with latest generation spray guns, manual and automatic, which operate with Mist-less nozzles or self cleaning Mist-clean nozzles.

The Mist-less spray gun is equipped, both on the product and air, with revolving fittings to make the spray gun completely free.

A complete range of accessories, kits and professional spare parts guarantee maximum equipment performance, ensure its correct operation and greater safety in use.

The vast range of equipment satisfies every need, determined by the type of material, the flow required and the degree of finishing desired.

The pumps may be supplied, according to the models, on trolleys, wall brackets, or containers in order to ensure easy use and simple and fast maintenance.

- Transfer efficiency
- Even coverage
- High quality finishing
- No overspray
- Better atomisation quality
- Uniform jet spraying
- Quick application
- the percentage of paint deposited on the piece is higher with respect to low pressure painting
- Nozzle adjustment from fine jet to spray
- The Mist-Clean nozzles with 180° rotation are self cleaning



Mist-less Spray Guns

Atex  II 2 G Ex h IIB T6 Gb

Maximum pressure produced 180 bar
Maximum air pressure 7 bar

**L400 Mist-less manual spray gun with
Mist-clean 2 base
(Super Fast Clean nozzle
or Top Spraying Clean)**



The L400 Mist-less spray gun allows for easy control of the spray pattern. To switch from a Mist-less base to a Mist-clean 2 base simply change the spray sleeve. The spray guns, which are lightweight and ergonomic, guarantee easy cleaning and maintenance. All the parts in contact with the product are made of SS.



**L400 Mist-less manual spray gun
(Mist-less nozzle)**



**Automatic spray gun
Mist-less L200
with rear inlets**

The L200 Mist-less spray guns optimize performance for painting metal and wood; all of the parts in contact with product are made of SS to ensure a longer life and resistance over time. Characterised by the ease of mounting and removing components for maintenance.

The spray guns allow you to:

- open or close the product recirculation valve
- choose between the two product inlet bases:
Mist-less - Mist-clean

The spray guns allow you to open or close product recirculation and to use two bases of your choice for the product inlet, interchangeable with one another, without having to modify the spray gun body fitted with quick couplers to connect the spray gun to the air line.



**L200 Mist-less automatic spray gun
with side inlets**

ELECTROSTATIC LIQUID TECHNOLOGY

Excellent covering on any “geometry”.

No insulating boxes to switch from solvent paint to water paint.



* Main applicable products

Maximum pressure produced up to 200 bar

- Water based paints
- Solvent based paints
- Natural paints
- Epoxy paints
- High solid paints
- Single component paints
- Dual component paints
- Polyurethane paints
- Textured paints
- Dual component anti-corrosive products
- Products for tanneries
- Protective coatings
- Surface coatings
- Undercoat paints
- Emulsions
- Galvanized
- Removers
- Latexes
- Undercoat paints
- Enamels, Lacquers, Colourings, Emulsions, Acrylics, Fixatives

Possible applications

- Protective coatings
- Finishing of common metals
- Finishing of plastic
- Gravestone materials covering
- Anti-corrosion painting
- Epoxy coatings
- internal coatings of basins, tanks, pipes, rolling stock, manholes
- Structural steelwork
- Paintwork:
 - agricultural and earthwork machinery
 - industrial vehicles (chassis-cabs, trucks, cement mixers, forklifts...)
 - heavy mechanics (beams, tanks, electricity masts, scaffolding...)
 - light mechanics (drums, extinguishers, shelving, electrical panels...)

**Larius analyses the technical specifications sheet of the product to recommend the most suitable equipment for the required use.*

The STAR 3001 manual or automatic series of spray guns for liquid or water- or solvent-based electrostatic painting are able to paint in a uniform manner over all of the piece, eliminating dripping and excessive thicknesses of the product deposited.

The particles of paint are charged with negative electrical charges using electrodes whereas the object being painted is charged (simply with an earth wire) with positive electrical charges.

Each object to be painted has its own electrostatic charge. This electrostatic charge is concentrated on the edges and corners of the objects and is lower in regular surfaces. This phenomenon is due to the Faraday cage effects. To paint parts subject to the "Faraday Cage" effect, the electrostatic charge can be excluded directly from the spray gun.

Once the paint is deposited on the closest part (corners and edges) the electrostatic charge in those points decreases and the paint particles will instead be deposited where there is still a greater difference in charge.

Today industrial painting also means automation with a complete range of automatic spray guns that can be used in the widest range of different system situations. The generator, incorporated in a unified rack module

that can be inserted in standard cabinets, combines the pneumatic commands with the electronic part for the various adjustment of the long distance spray guns, allowing complete control of the painting parameters during the production process. This system can be interfaced with any type of governing unit: computer with piece reading systems, PLC, electro-pneumatic panels.

The automatic and manual electrostatic spray guns are subjected to rigorous commissioning tests in trial conditions (pressures, opening/closing times, etc.) in addition to the rated maximum limits.

- Application method selection: airless, mist-less, low pressure.
- 30% paint savings thanks to the uniform depositing of the paint from the very first pass
- Less over spray: a healthier work environment and savings on air purification filters.
- Uniform depositing of the paint from the very first pass.
- Drastic reduction in work time and costs.
- High finish: no running or orange peel effect.
- Easy to reach adjustments: air atomisation, spray pattern air and product flow adjustment.



Electrostatic spray gun specifications - Star 3001 Manual - Automatic. Water or solvent based products.

- Probe to verify the resistance level of the paint included.
- Extremely easy to handle, reduced weight, fully adjustable ergonomic grip with finger rest.
- Made with a latest generation special “technical” material.
- The internal gaskets are chemically inert to solvents, oils and varnishes for a long life and use cycle. An extremely important aspect of the spray gun construction structure is the complete separation between the passage parts and the product atomisation and the pneumatic motor that controls opening and closing through an exclusive lever system. This makes the motor lock free of any risk of infiltrations, guaranteeing reliability over time for millions and millions of sprays.
- Adjustable display directly on board the spray gun to define the operating voltage parameters set up ahead of time by the operator on the power generator.
- Up to three different levels of operating conditions can be recorded for the same type of paint.
- In low pressure painting, where trigger stroke adjustment is required, the feature is executed directly on the spray gun, acting on the stroke adjustment with the other hand.
- Spray gun maintenance, assembly and disassembly are simple and intuitive thanks to the gun body which

is made up of just two units and the easily handled and removable nose. All without the need for tools because every component is instantly visible and verifiable.

- Both water and solvent painting is possible by disassembling and replacing the front nose.
- No insulating boxes to switch from solvent to water based painting. Our STAR 3001 spray gun has two side outlets in highly resistant material which provide the charge to water based paint externally, thereby preventing the “bounce” effect of this highly conductive paint. This translates into lowering high costs connected to preparing an insulating box, reducing bulk of the working area and increasing operator safety.
- IP 56 protection grade of the spray gun - control box system
- Easy to use touch screen interface in the electronic box
- New series of higher performing nozzles and heads

The generator is equipped with a touch panel for voltage recording and maintains the fundamental parameters for the electrostatic effect. A probe is connected to the generator to verify the resistivity of the product.

WARNINGS

- Before each test check the viscosity and conductivity of the paint used.
- Ensure that the parts that must be grounded are really grounded.
- Protect the Star 3001 spray gun with the special cover provided and keep both the electrical cable and the paint hose clean. The paint deposited on it reduces the voltage and the electrostatic effect.



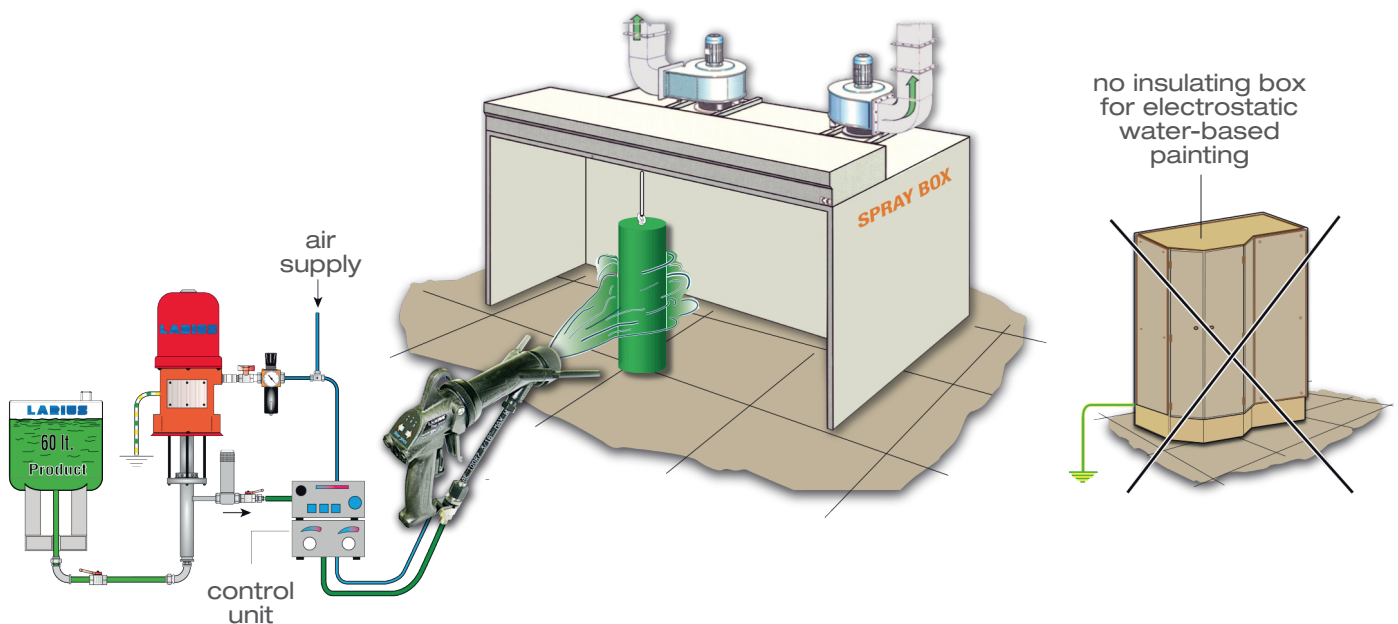
Star 3001 spray gun V2
Manual - Water-based products

Input voltage	12 Vac
Input frequency	33 KHz
Input current	1.5 Amp. Max
Nominal output voltage	0 ÷ 75 KV dc
Polarity	Highly positive
Rated current	150 µA
Short circuit current	200 µA
Generator/spray gun cable length	7.5 m
Spray gun weight	800 gr
Spray gun length	280 mm



Power Generator

Rated Current	1.5 Amp.max
Supply voltage	85÷265 Vac-50/60 Hz
Power cable length	2 m
Protection class	IP 64
Output voltage	12 Vac



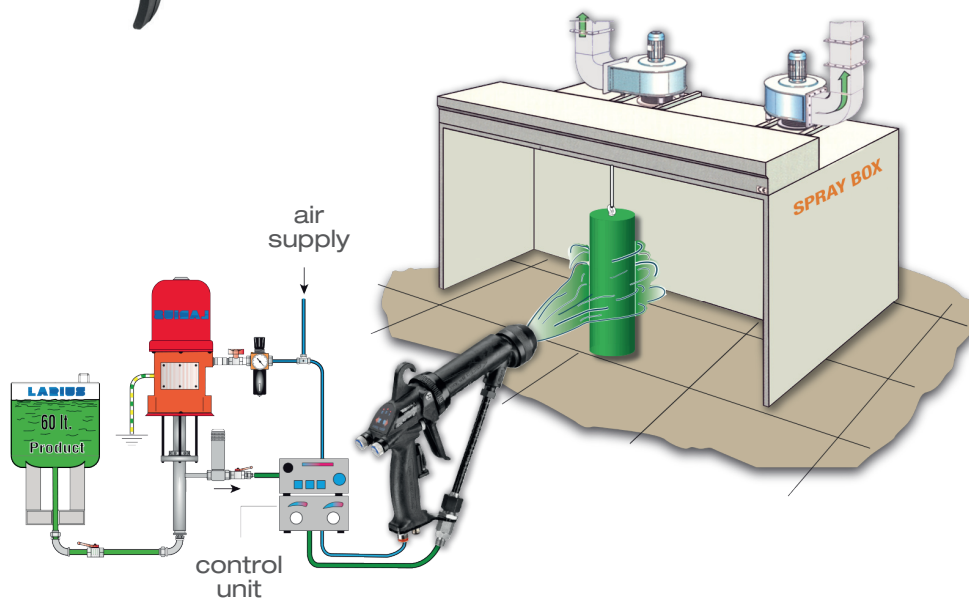
Star 3001 spray gun V2
Manual - Solvent-based products

Input voltage	12 Vac
Input frequency	33 KHz
Input current	1.5 Amp. Max
Nominal output voltage	0 ÷ 75 KV dc
Polarity	Highly positive
Rated current	150 µA
Short circuit current	200 µA
Generator/spray gun cable length	7.5 m
Spray gun weight	800 gr
Spray gun length	250 mm



Power Generator

Rated Current	1.5 Amp.max
Supply voltage	85÷265 Vac-50/60 Hz
Power cable length	2 m
Protection class	IP 64
Output voltage	12 Vac



Star 3001 spray gun V2
Automatic - Water-based products

Input voltage
Input frequency
Input current
Nominal output voltage
Polarity
Rated current
Short circuit current
Generator/spray gun cable length
Spray gun weight
Spray gun length
Supply pressure
Air inlet fitting quick connection piston power
Air inlet fitting quick connection piston supply for hose



12 Vac
33 KHz
1.5 Amp. Max
0 ÷ 75 KV dc
Highly positive
150 µA
200 µA
10 m
750 gr
370 mm
3 ÷ 7
Ø 4 x 6
Ø 6 x 8

Star 3001 spray gun V2
Automatic - Solvent-based products

Input voltage
Input frequency
Input current
Nominal output voltage
Polarity
Rated current
Short circuit current
Generator/spray gun cable length
Spray gun weight
Spray gun length
Supply pressure
Air inlet fitting quick connection piston power
Air inlet fitting quick connection piston supply for hose



12 Vac
33 KHz
1.5 Amp. Max
0 ÷ 75 KV dc
Highly positive
150 µA
200 µA
10 m
750 gr
300 mm
3 ÷ 7
Ø 4 x 6
Ø 6 x 8



Power Generator

Rated Current
Supply voltage
Power cable length
Protection class
Output voltage

1.5 Amp.max
85÷265 Vac-50/60 Hz
2 m
IP 64
12 Vac

Pneumatic Box - Air control

Pneumatic adjustment
Spray gun control quick connect
Spray gun automation outlet
Air inlet

0 ÷ 10 bar
Ø 6 x 4
Quick coupler Ø 6 x 4
Quick coupler Ø 10 x 8



Ref. 6099

Preheater Atex Certified II 3 G nC IIB T3 Gc

Allows the product to be used at a higher temperature than the ambient temperature. The “paint passage” through SS allows all types of paint and solvents to be used without any corrosion problems.

- Reduction of product viscosity without the addition of solvents
- Thicker protective film with less passes
- Better atomisation of the paint
- Less dispersion of solvents into the environment and material savings
- Supply voltage 230 V
- Max. current absorbed 10 A
- Power 2200 W
- Max. operating pressure 300 bar
- Temperature adjustment field Amb. T. \pm 90°C
- Max. operating temperature 90°C
- Flow capacity 60l/h at 60°C

Low pressure flow regulators

- Flow regulator 0-7 bar
- Flow regulator 0-14 bar
- SS flow regulator 0-7 bar
- SS flow regulator 0-14 bar
- Flow regulator + pressure gauge 0-7 bar
- Flow regulator + pressure gauge 0-14 bar 2
- SS flow regulator + pressure gauge 0-7 bar 4
- SS flow regulator + pressure gauge 0-14 bar
- Flow regulator - Dense products 0-14 bar
- SS flow regulator - Dense products 0-14 bar
- Flow regulator for dense products with reinforced membranes
- Pneumatic flow regulator
- SS pneumatic flow regulator
- SS return regulator 0-14 bar
- SS pneumatic return



Ref. 7185



Ref. 7208/1



Ref. 7205

High pressure flow regulators

- SS return regulator 10-210 bar
- SS flow regulator 10-210 bar low viscosity
- SS flow regulator 10-210 bar high viscosity
- SS mastics flow regulators 10-320 bar
- Automatic mastics regulator 10-130 bar



Ref. 7130



Ref. 7050



Ref. 7000



Ref. 7030
Ref. 7040
(Dense products)

Technological solutions for any type of project

Larius is a specialised company that manufactures products (entirely in Italy since 1969) ranging from small spraying units to products for the most advanced specialised systems on the market for professional painting.

Our pumps are rigorously tested to guarantee operation for a long cycle of use and maximum performance in the preselected work mode.

The quality of Larius machine finishing and systems determines a perfect aesthetic look, without clots and running. Thanks in part to collaboration with major manufacturers of materials that are tested in the company in order to ensure a perfect synergy between the product and the pump that distributes it.

In order to meet the operational needs of the user, Larius cooperates with university engineering centres to test increasingly innovative and resistant components that make our pumps operation-ready in small spaces and large alike in extreme working conditions.

- Commissioned and ready to use equipment
- Original accessories and spare parts
- Qualified technical assistance
- Personalised technical courses, theoretical and practical, to learn how the equipment operates and its technical specifications

Larius works on an international level with a vast network of distributors, service centres and specialised consultants at your complete disposal.

LARIUS
Your job is our job every day.

Authorised Retailer



Larius S.r.l.

Via A. Stoppani 21 - 23801 Calolziocorte (LC) ITALY
Phone +39 0341 621152 - Fax +39 0341 621242
E-mail: larius@larius.com - www.larius.com

Made in Italy Since 1969

