

SAGOLA ®
an Elcometer company

SAGOLA **4600**

Our best spray guns just got better!

Now with

DFT™
Dynamic Flow Technology

M2M™
Metal to Metal Technology



Everything you expect from an industry leading spray gun and more

SAGOLA
4600

EFFICIENT

Ultra-fine atomization and less overspray for an industry leading transfer efficiency.

EASY

Stable fan pattern, uniform from top to bottom, for precise colour matches, seamless transitions, and blends with easier overlapping.

EVEN

A flawless finish with even particle distribution with minimal patching.

ERGONOMIC

Designed to be so comfortable you forget you are holding it.

EFFORTLESS

It's so easy to use, you get a professional finish every time, with minimal effort.

ECONOMIC

Less air, less bounce back for the same flawless result with Dynamic Flow Technology™



**Suitable for
water and solvent
based base coats
and clear coats**

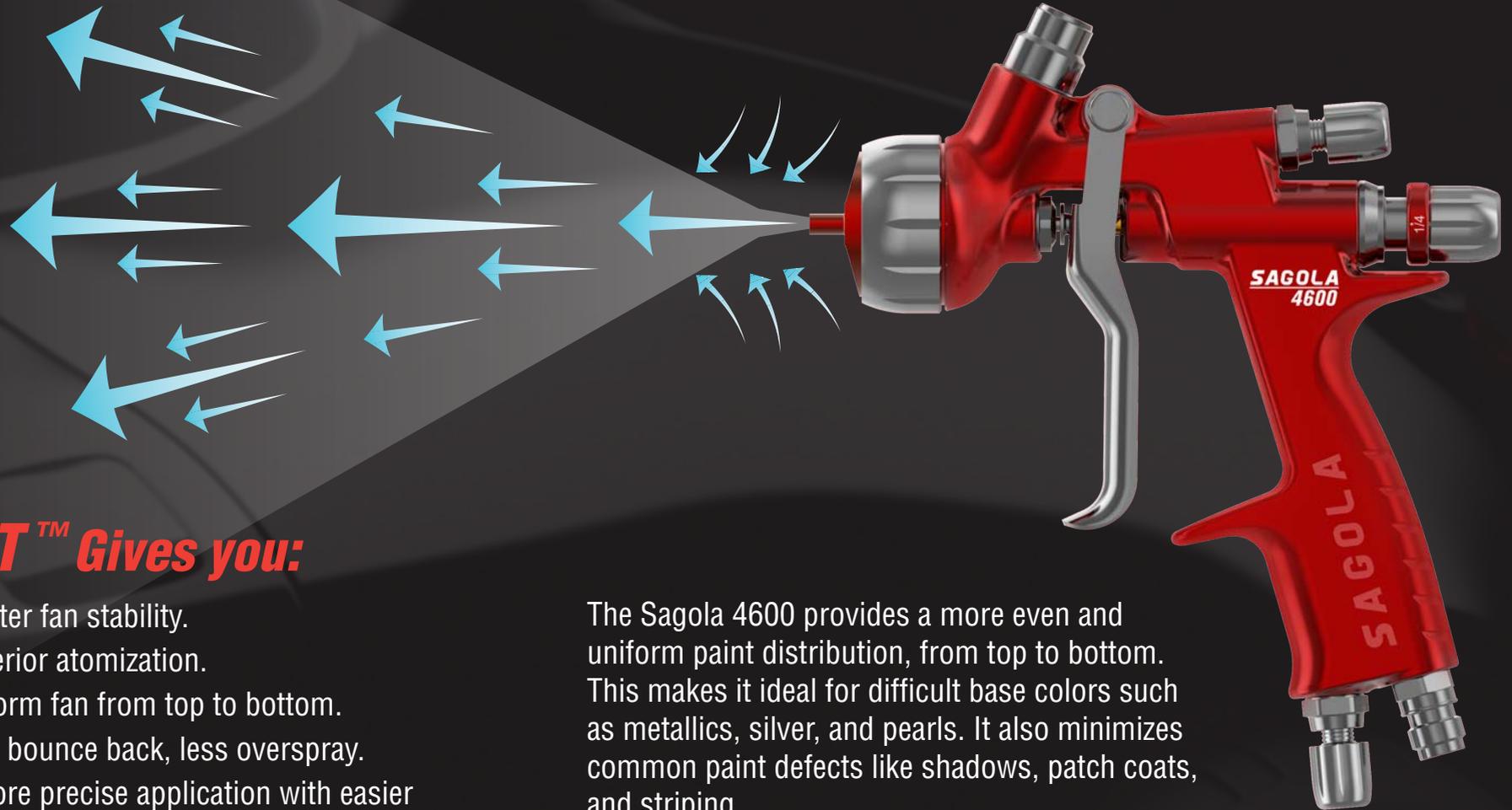
DFT™
Dynamic Flow Technology

M2M™
Metal to Metal Technology

Dynamic Flow Technology™

Dynamic Flow Technology™ harnesses the ambient air around the aircap allowing the Sagola 4600 spray gun to provide a flawless finish even at lower working pressures.

DFT™
Dynamic Flow Technology



DFT™ Gives you:

- Greater fan stability.
- Superior atomization.
- Uniform fan from top to bottom.
- Less bounce back, less overspray.
- A more precise application with easier overlapping.
- Less painting defects such as shadowing, patch coats and striping.
- An even paint distribution - ideal for difficult base colours such as metallics, silvers, pearls.

The Sagola 4600 provides a more even and uniform paint distribution, from top to bottom. This makes it ideal for difficult base colors such as metallics, silver, and pearls. It also minimizes common paint defects like shadows, patch coats, and striping.

All of this is achieved while using less paint, less air, and less time, ultimately lowering your costs and boosting your profits.

It's the smallest details that give you the best results...

SAGOLA
4600

Easy release air cap for fast cleaning or change over

Perfectly balanced for greater comfort and control

Soft flow fluid valve for ultimate precision control

Optional digital pressure gauge displays accurate pressure at the nozzle

Widely available, user replaceable batteries

Self adjusting, lifetime packing gland tested to 2 million cycles

Angled trigger guide avoids finger trap

2 stage trigger with no pressure drop - no need to test before spraying

Anodised, no peel, forged aluminium body, ensuring your gun looks as good as your finishes

Comfortable, slim handle ideal for small or large hands to spray for longer

Light weight body to minimise sprayer fatigue

**OUR SPRAYGUN
IN ACTION**
Sagola 4600

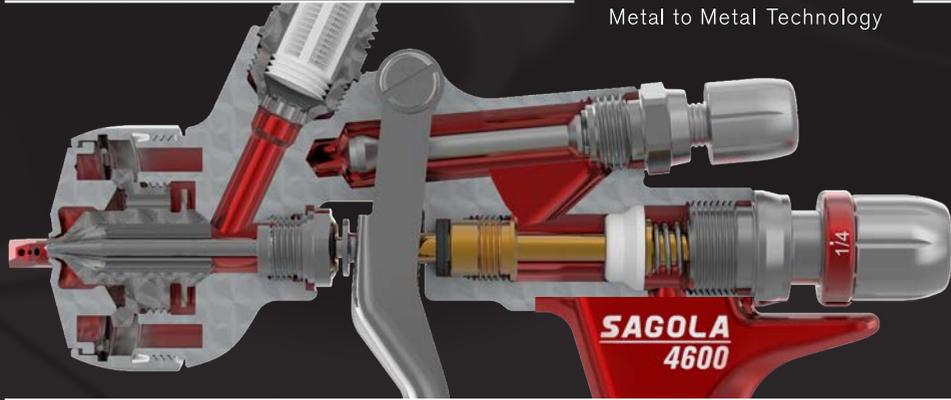


What is Metal to Metal Technology?

Greater reliability, easier to clean, cheaper to maintain.

M2M™

Metal to Metal Technology



For over 70 years Sagola have been manufacturing industry leading spray equipment, often setting the benchmark for others to follow.

Our state-of-the-art European production facilities uses aerospace grade engineering which allows us to create spray guns using metal to metal technology - which means our spray guns have fewer joints, o-rings and seals than any other spray gun on the market.

This M2M™ technology allows Sagola to offer the lowest maintenance on the market and gives you:

- Low maintenance.
- Fewer wearing parts.
- Low cost of ownership.
- Fast clean & colour change.
- No packings, joints or seals in fluid area.
- Greater reliability.

Continuous innovation, it's in our DNA

Leading the way in research and development

- **1960** Introduced ergonomic forged aluminium bodies (Patent 3300029)
- **1989** Launched the first ever self adjusting packing glands, tested to over 2,000,000 cycles (Patent 7380321)
- **1990** Aerospace grade aluminium aircaps making them lighter and more durable
- **1990** Single axis stainless steel needle and air valve smooth trigger system
- **1991** HVLP performance in our EPA compliant spray guns at 29psi (2bar) air inlet pressure (Patent 200100036)
- **1994** First spray guns ever to feature Metal to Metal Technology introduced
- **2004** Launched the first integrated user replaceable digital air pressure gauge
- **2005** Soft trigger system launched for high inlet air pressures 50-65psi (3.5-4.5bar)
- **2006** New light-weight valve system for responsive precision air flow regulation
- **2016** Two stage trigger introduced (air and air & product) with no drop in pressure
- **2024** Dynamic Flow Technology™ Aircaps launches worldwide.

BASECOAT

SAGOLA
4600



SAGOLA 4600 BASE

The Ultimate Basecoat Spray Gun for Colours, Metallics or Silvers

- Ideal for waterborne and solvent basecoats.
- Making it easier to colour match metallics, silvers & pearls.
- Maintains the uniformity of metallic colours even at low pressures.
- HVLP performance in an EPA Compliant gun.
- Standard or digital versions available.



SAGOLA 4600 HVLP

Designed for High Volume Low Pressure Applications

- Ideal for waterborne and solvent basecoats and specialist coatings.
- Large fan size to reduce application distance increasing transfer rates.
- Our fastest HVLP application speed.
- Maximum reduction of overspray.
- Standard or digital versions available.

CLEARCOAT



SAGOLA 4600 CLEAR

Designed for clearcoats, single stage paints and OEM quality finishes

- For clearcoats high solids / ultra high solids and single stage products.
- Ideal for matching OEM quality finishes.
- Maximum application speed.
- Minimal overspray.
- Ultra fine atomization.
- Standard or digital versions available.

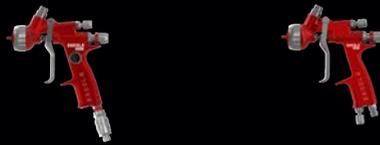


SAGOLA 4600 CLEAR PRO

Perfect for luxury mirror finishes, clearcoats and single stage paints

- High gloss in express drying clearcoats.
- Maximum application speed.
- Maximum control. Large fan size.
- Minimal overspray.
- Premium mirror finishes.
- Standard or digital versions available.

Technical data



	DIGITAL VERSION		STANDARD VERSION	
Weight with cup	665.6 g.	1.44 lbs	675 g.	1.49 lbs
Weight without cup	471 g.	1.04 lbs	492.8 g.	1.09 lbs
Air inlet connection	BSP 1/4" Male (high flow)		BSP 1/4" Male (high flow)	
Product Filter	80-mesh product filters		80-mesh product filters	
Recommended Working Pressure	2.0 bar	29 psi	2.0 bar	29 psi
Supplied Cup Capacity*	650 ml.	22 fl oz.	650 ml.	22 fl oz.
Average sound pressure level	max. 80 dB		max. 80 dB	
Battery type	80-mesh product filters		80-mesh product filters	
Materials in contact with the product	Anodised Aluminium, Polyoxymethylene, Stainless Steel			

*Sagola DPC™ Disposable Paint Cups are also available



	DVR BASE	DVR HVLP	DVR CLEAR	DVR CLEAR PRO
Output Flow	191 - 227 g/min.	170 - 198 g/min.	185 - 219 g/min.	196 - 229 g/min.
	6.7 - 8 oz/min.	6 - 7 oz/min.	6.5 - 7.7 oz/min.	7 - 8 oz/min.
Air Consumption	280 L/min.	450 L/min.	295 L/min.	315 L/min.
	9.88 cfm	15.89 cfm	10.42 cfm	11.12 cfm
Fan Width	290 - 315 cm.	290 - 325 cm.	275 - 295 cm.	285 - 310 cm.
	11.4 - 12.4"	11.4 - 12.8"	10.8 - 11.6"	11.2 - 12.2"
Application Distance	18 - 20 cm.	15 - 18 cm.	18 - 20 cm.	18 - 20 cm.
	7 - 7.9"	6 - 7"	7 - 7.9"	7 - 7.9"
Air Inlet Pressure	1.8 - 2.0 bar	2.0 bar	2.2 bar	2.2 bar
	26.1 - 29 psi	29 psi	32 psi	32 psi

3 Year Warranty

We are so confident in our products we offer a 3 year warranty to cover any design or manufacturing defect.

Regulations

Approval for SCAQMD Rule 1151 (motor vehicle and mobile equipment non assembly line coating operations). ATEX Directive (Directive 2014/34/UE)



PRODUCT APPLICATION GUIDES
 Sagola 4600 is approved by the leading paint manufacturers

Ordering information

The Sagola 4600 is available to purchase as a complete kit with the aircap, needle and nozzle specified, supplied and fitted.

Each box contains:

- Sagola 4600 gun, air cap, needle and nozzle
- 650 ml (22 fl oz) reusable paint cup
- Universal maintenance wrench
- Air valve wrench
- Cleaning brush
- Colour code rings



BOX

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Part numbers



	SAGOLA 4600 BASE	SAGOLA 4600 HVLP	SAGOLA 4600 CLEAR	SAGOLA 4600 CLEAR PRO
1.20	10142401	10142404	10142403	10142402
1.20 XL	10142413	10142416	10142415	10142414
1.30	10142405	10142408	10142407	10142406
1.30 XL	10142417	10142420	10142419	10142418
1.40	10142409	10142412	10142411	10142410



	SAGOLA 4600 BASE		SAGOLA 4600 HVLP		SAGOLA 4600 CLEAR		SAGOLA 4600 CLEAR PRO	
	BAR	PSI	BAR	PSI	BAR	PSI	BAR	PSI
1.20	10142421	10142441	10142424	10142444	10142423	10142443	10142422	10142442
1.20 XL	10142433	10142453	10142436	10142456	10142439	10142455	10142434	10142454
1.30	10142425	10142445	10142428	10142448	10142427	10142447	10142426	10142446
1.30 XL	10142437	10142457	10142440	10142460	10142435	10142459	10142438	1014258
1.40	10142429	10142449	10142432	10142452	10142431	10142451	10142430	10142450



AIRCAP ONLY	DVR BASE	DVR HVLP	DVR CLEAR	DVR CLEAR PRO
	56418759	56418761	56418762	56418760

Interchangeable between all new Sagola 4600 spray guns

Spare Parts for a full breakdown of Sagola 4600 spare parts visit www.sagola.com or scan the QR code.



www.sagola.com

List of most interesting Sagola products

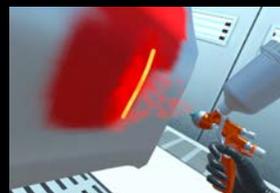


SAGOLASPRAY™ VR KIT

Virtual Reality For Spray Painting Training

Get hands on, paint spraying experience without getting your hands dirty!

- Sagola SPRAY teaches spray techniques that can be practiced again and again.
- Learning in a VR environment is environmentally friendly, saving paint, materials and time.
- Get instant feedback and learn from your mistakes, just complete & repeat!
- Distance - Fan Pattern - Speed
- Students & Beginners, Teachers, Colleges & Training Centres, Industry & Professionals.



SMART REPAIR KIT

Everything needed to complete spot repairs organized in one easy to carry case.

Simple to use! Just unpack, plugin & paint. This kit is perfect for both spot and SMART (Small and Medium Area Repair Technique) repairs. Includes:

- Two Sagola Mini Xtreme Spray Guns 1.0
- Spare 1.2 Needle/Nozzle kit
- Mini Tech Air Cap with 0.6mm Needle/Nozzle kit
- 125ml & 200ml (4.23fl oz & 6.76 fl oz) Paint Cups
- 2 RC1 Flow Regulators, 2x 3M™ PPS Couplings, 2 Steel Connectors
- Lubricant Grease

MORE FROM SAGOLA



DPC™ SYSTEM

Save time and money by choosing the Sagola disposable paint cup system. Simply choose the required cup size, available from 100 - 800 ml (3.38 - 27 fl oz) clip, twist and spray.



ALTAIR LED

High intensity led light system. Improve your finish quality by taking visual control of your layer coverage and fan overlap, as well as identifying the orientation of the metal or bead particles, avoiding irregular finishes such as orange peel.



AIR FILTERS

Our range of versatile, modular based air filtration systems ensure you can set up your spray booth to maximise air quality for consistent, high quality results.



AIR HOSE & COUPLINGS

Our new range of cutting-edge design quick couplings are ideal for use with spray guns and pneumatic tools from the workshop. Our anti-static EPDM rubber hose has an exterior textile reinforcement and is ideal for spraying in the booth. The high security crimped ends able to bear the high temperatures of the booth.



SPRAY GUN STORAGE

Keep your paint room organised and your tools safe with our spray gun locker system. With room to hang 5 spray guns and 2 shelves for accessories. Store your spray gun securely with our magnetic spray gun holder. Available in a single or double option.



AIR HEATER

The Sagola 6000X Air Heater System heats compressed air to a constant working temperature to ensure a stable painting process and a reduction of relative humidity. This system will keep you painting even when there are large temperature differences between day and night, winter and summer.

GLOBAL SUPPORT AT YOUR FINGER TIPS

Our authorised dealers are supported by our global network of regional headquarters.



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