

# HVLP PROFESSIONAL SUCTION SPRAY GUNS

## The HIGH VOLUME LOW PRESSURE System - Its Conception

The HVLP system was created after California law no 1151 was passed that reduced the maximum limit for the amount of solvents released in the air during painting procedures. This law requires the use of HVLP spray guns for all paint procedures. Laboratory tests demonstrate that by reducing the pressure on the spray cap to a maximum of 0.7 bar (10 psi), the spray gun output is greatly improved and obtains a transfer efficiency equal or surpassing 65%. A 65% transfer efficiency means that for every 1,000gms of paint used, at least 650gms are deposited on the surface to be painted. Note that non-HVLP spray guns have outputs between 25% and 40%. This improved output of the spray gun means the atmosphere surrounding us is less polluted and the air is cleaner. Similar laws have also been passed in European countries and are rapidly changing spray painters' habits even though a few years are still needed before all spray painters respect the environmental laws on spray painting or risk heavy fines.

Environmental laws encourage better painting procedures and paint manufacturers to produce "environmentally friendly" products such as waterbornes or high solid (low solvent) paints. These new water based products are exclusively tested with HVLP high performance spray guns because this is the only solution that guarantees total improvement of the air quality.

The future holds in store great changes concerning painting systems and techniques (products and equipment). Therefore, it is vitally important for all operators in the sector to keep up with the times.

HVLP Kestrel spray guns have been designed to respect these environmental requirements for spray painting and are perfectly suited for use with water based paints, thanks to the special materials used to build the spray gun body, nozzle and cap.

### VIC2010HVLP

- New generation HVLP spray gun
- Designed to achieve the best possible finish for most applications
- Extremely high atomisation and a very high consistent fan ensures perfect finishes with any paint system
- Ideal for all kinds of professional finishes including excellent atomisation of water borne products
- Teflon coated cup for easy cleaning
- Features adjustable fluid, fan and air regulators for total control
- Supplied with 1.6mm set up as standard - 1.78mm available as optional extra



Technical Spec.	VIC2010HVLP
Weight	900gms
Working pressure	30 psi (2 bar)
Average air consumption	9 cfm (270 ltr/min)
Fan width	300mm
Connection	1/4" bsp

Optional accessories	
2010BR16	1.6mm nozzle, needle & aircap set
2010BR178	1.78mm nozzle, needle & aircap set
9107	Dripless Gasket (pack of 10)
KIT724	Nylon Paint Strainer (pack of 10)

### 9010HVLP

- High volume low pressure
- Stainless steel needle, nozzle and springs
- Fan, fluid and air regulators
- Now supplied with external air regulator with pressure gauge
- Very low air consumption only 7.9-9.5cfm (224-270ltr/min)
- Complete with material strainer
- You can specify 1.7mm (std) or 1.9mm set ups on the gun. All other sizes will require an additional nozzle/needle kit purchase



Technical Spec.	9010HVLP
Weight	1,000gms
Working pressure	28.6 to 35.7 psi (2 to 2.5 bar)
Average air consumption	9 cfm (270 ltr/min)
Fan width	300mm
Connection	1/4" bsp

Optional accessories	
43113	1.3mm nozzle, needle & aircap set
43115	1.5mm nozzle, needle & aircap set
43117	1.7mm nozzle, needle & aircap set
43119	1.9mm nozzle, needle & aircap set
43122	2.2mm nozzle, needle & aircap set
43125	2.5mm nozzle, needle & aircap set
900124*	Aircap test gauge (* state size)
40770	Service kit (seals, springs gaskets etc)

### FURA2150HVLP

- Medium pressure HVLP suction spray gun
- Die-injected aluminium body
- Packing washers resistant to all kinds of solvents
- Stainless steel nozzle and needle



Technical Spec.	FURA2150HVLP
Nozzles	1.5, 1.78 and 2.0mm
Weight	485gms
Air inlet	1/4" G bsp
Product inlet	3/8" G bsp
Rec. Working Pressure	2 Bar (28.8 psi)
Air consumption	435 lpm (15.36 cfm)
Spray pattern	280mm

Optional accessories	
21500315	Aircap 1.50mm
21500317	Aircap 1.78mm
21500320	Aircap 2.00mm
21001315	Needle 1.50mm
21001317	Needle 1.78mm
21501320	Needle 2.00mm
21000415	Nozzle 1.50mm
21000417	Nozzle 1.78mm
21000420	Nozzle 2.00mm
10001019	Cup complete