

ESTTA Tracking number: **ESTTA714445**

Filing date: **12/14/2015**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
BEFORE THE TRADEMARK TRIAL AND APPEAL BOARD

Proceeding	91210813
Party	Defendant Mike Ghorbani
Correspondence Address	PAYAM MORADIAN MORADIAN LAW 10880 WILSHIRE BLVD, SUITE 1101 LOS ANGELS, CA 90024 UNITED STATES sepehr@daghighian.com, P@moradianlaw.com
Submission	Defendant's Notice of Reliance
Filer's Name	Payam Moradian
Filer's e-mail	p@moradianlaw.com
Signature	/Payam Moradian/
Date	12/14/2015
Attachments	Exhibit_11_Iwata_MGD23_25.pdf(2314715 bytes ) Exhibit_26_MGD000044-57_R_B.pdf(3925290 bytes ) Exhibit_29_Sata_Advertisement_R.pdf(4043520 bytes ) Exhibit_30_body_shop.pdf(2846358 bytes ) Exhibit_31_S658.pdf(1422586 bytes ) Exhibit_32_Dan_Am_Classes.pdf(1579343 bytes ) Exhibit_33_Regulations.pdf(417222 bytes ) Exhibit_34_use_spray_gun.pdf(147644 bytes )

*Flight*



SPRAY GUN

**W-300**



**ANEST IWATA**



ANEST IWATA

**ANEST IWATA Corporation**

MADE IN JAPAN



GRAVITY CUP

**PCG-7-2**

700ml G1/4B



**PCG-7-2.TA**



**ANEST IWATA Corporation**

MADE IN TAIWAN

MGD000044

**VOYLET<sup>®</sup> Muzi<sup>®</sup> WAGEMA<sup>®</sup>**

**中国驰名商标**

Chinese Famous Trademark

**Professional Manufacturer  
Of Pneumatic Tools In China**



**宁波李氏实业有限公司**

NINGBO LIS INDUSTRIAL CO., LTD.

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E-Mail: sales@lispraygun.com

<http://www.lispraygun.com>

<http://www.spraygun.cn>

制造商 & 出口商

MANUFACTURER & EXPORTER

MGD000045

**WUFU**

**WUFU AIR TOOLS**

五福气动工具



Intertek 

CE ETL ROHS PAHS

**2009**

**WUFU AIR TOOLS**

ZHEJIANG REFINE WUFU AIR TOOLS CO.,LTD.

HTTP://WWW.WUFUTOOLS.COM E-MAIL:PLG@WUFUTOOLS.COM

MGD000046



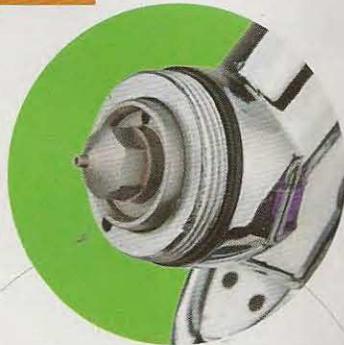
CE ETL ROHS PAHS

浙江瑞丰五福气动工具有限公司  
ZHEJIANG REFINE WUFU AIR TOOLS CO.,LTD.

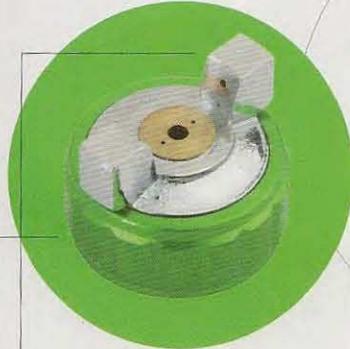


# TOP QUALITY

## H.V.L.P SPRAY GUN



Nozzle:Stainless steel (SUS420F1)



Precise air cap set:  
Less than 10PSI air pressure  
outlet

Air cap:brass

Clamp:Aluminium with green plating



Needle:Stainless steel (SUS303)



Ergonomic design

## MODEL:RF602AG

1. AIR CONSUMPTION(100%)CFM:8
- 2.CUP SIZE: 100ml
- 3.NOZZLE SIZE:0.8mm, 1.0mm
- 4.Fluid(Water)Delivery:65-100ml/min
- 5.AIR PRESSURE: 30-43PSI
- 6.WEIGHT: 0.32KGS, 0.704LGS
- 7.AIR INLET: 1/4"
- 8.Color Box 20PCS 50x36x20cm 11/9KGS  
20':15500, 40'HQ:32800

## MINI AIR GRAVITY SPRAY GUN

Lightweight,easy to control,this gun is perfect for touch-up and detail work..

Three adjustments for stepless,round,and flat spray.

Get a superior finish and save paint at the same time

High volume low pressure technology applies paint with less force,meaning less paint" bounces" off the surface into the air.

Stainless steel needle and tip allow use with water-based material

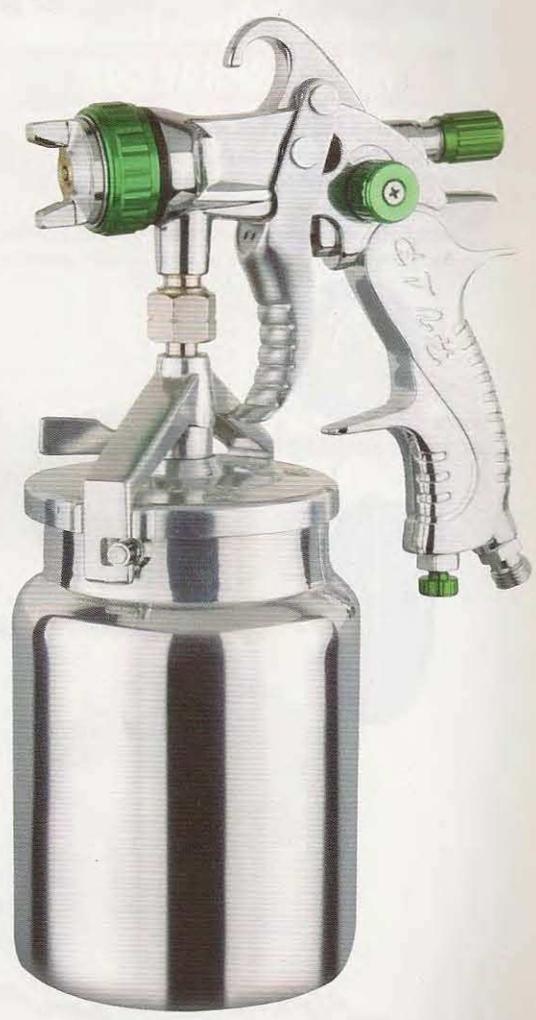


B Color select :purple

C Color select :gold

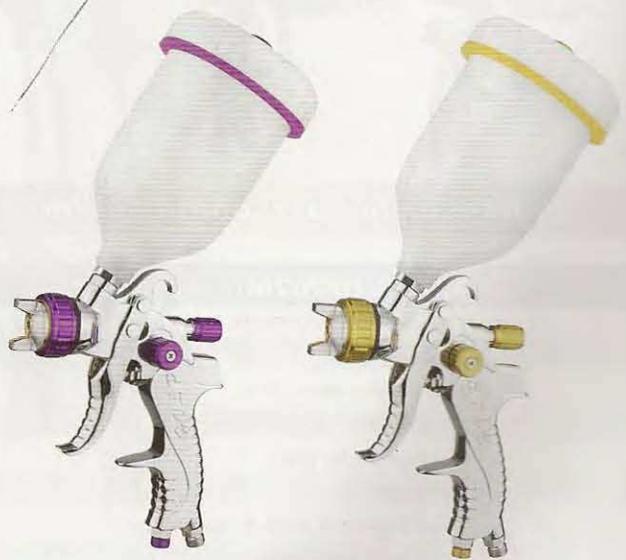
# TOP QUALITY

## H.V.L.P SPRAY GUN



- MODEL:RF601AG**
- 1.AIR CONSUMPTION(100%)CFM:14.5
  - 2.CUP SIZE: 600ml
  - 3.NOZZLE SIZE:1.4mm, 1.7mm, 2.0mm
  - 4.Fluid(Water)Delivery:100-250ml/min
  - 5.AIR PRESSURE: 30-43PSI
  - 6.WEIGHT: 0.71KGS, 1.56LBS
  - 7.AIR INLET: 1/4"
  - 8.Color Box 20PCS 76x46x26.5cm 18/16KGS 20':6000, 40'HQ:13960

- MODEL:RF601AS**
- 1.AIR CONSUMPTION:6-10CFM
  - 2.CUP CAPACITY :1000ml
  - 3.NOZZLE SIZE:1.4mm, 1.7mm 2.0mm
  - 4.Fluid(water)delivery:70-230ml/min
  - 5.AIR PRESSURE:30-43PSI
  - 6.WEIGHT:0.88KGS 1.94LBS
  - 7.AIR INLET: 1/4"
  - 8.Color Box 20PCS 76x46x26.5cm 19/17KGS 20':6000, 40'HQ:13960



**B** Color select :purple

**C** Color select :golden

## HVLP GRAVITY SPRAY GUN

Get a superior finish and save paint at the same time  
 High volume low pressure technology applies paint with less force,meaning less paint "bounces" off the surface into the air.  
 Stainless steel needle and tip allow use with water-based material

MGD000048



**浙江瑞丰五福气动工具有限公司**

ZHEJIANG REFINE WUFU AIR TOOLS CO.,LTD.

(FORMER WENLING SHINIAN HARDWARE FACTORY)

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[Http://www.wufutools.com](http://www.wufutools.com)

[Http://www.chinasprayguns.com](http://www.chinasprayguns.com)

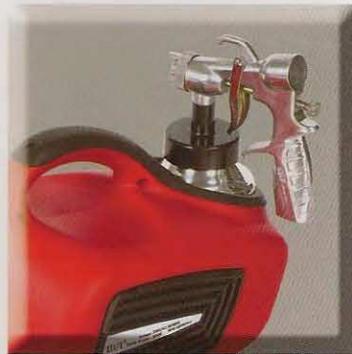
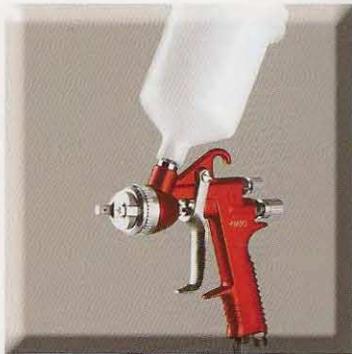
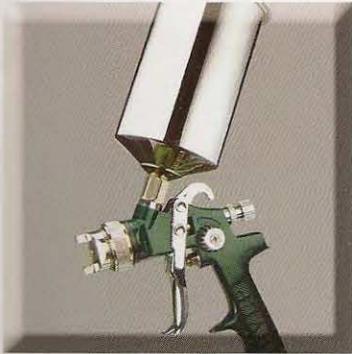
Email: [plg@wufutools.com](mailto:plg@wufutools.com)

[tzpanlg@mail.tzptt.zj.cn](mailto:tzpanlg@mail.tzptt.zj.cn)

MGD000049

# LUXI<sup>®</sup> TOOLS

TAIZHOU LUXI TOOLS CO.,LTD.



[WWW.LUXITOOL.COM](http://WWW.LUXITOOL.COM)



ISO9001



Fluid Nozzle:  $\varnothing$  1.4mm (1.0-2.5mm)  
 Plastic Cup: 600cc  
 Aluminum Cup: 1000cc  
 Pattern Width: 160-240mm  
 Working pressure: 2.0-3.5bar

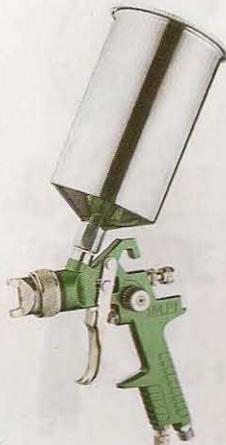
Color Box: 20pcs/75X46X26cm 18/16kgs  
 20':6240PCS 40':12480PCS  
 Double Blister: 8pcs/68X30.5X42cm 13/11kgs  
 20':2568PCS 40':5144PCS

Color Box(with regulator): 20pcs/84X47X30cm 22/20kgs  
 20':4720PCS 40':9460PCS  
 Double Blister(with regulator): 8pcs/59X30.5X43cm 15/13kgs  
 20':2896PCS 40':5792PCS

Color Reference:



**HVLP 827A1**



**HVLP 827A2**



**HVLP 827A3**

Fluid Nozzle:  $\varnothing$  0.8mm (0.3-1.0mm)  
 Plastic Cup: 120cc  
 Aluminum Cup: 120cc  
 Pattern Width: 110-160mm  
 Working pressure: 2.0-3.5 bar

Color Box: 20pcs/51X37X20cm 9/8kgs  
 20':14840PCS 40':29680PCS  
 Double Blister: 12pcs/52.5X20.5X18cm 8/6kgs  
 20':17340PCS 40':34692PCS

Color Box(with regulator): 20pcs/52X42X29cm 13/11kgs  
 20':8840PCS 40':17680PCS

Color Reference:



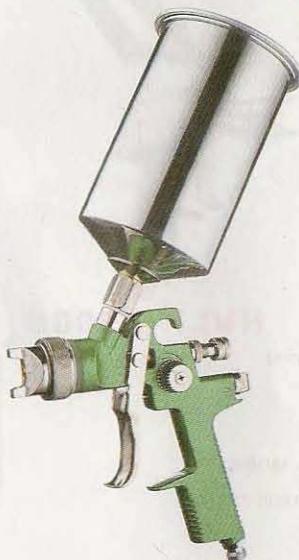
**HVLP H2000A1**



**HVLP H2000A2**



**HVLP 882A1**



**HVLP 882A2**

Fluid Nozzle:  $\varnothing$  1.4mm (1.0-2.5mm)  
 Plastic Cup: 600cc  
 Aluminum Cup: 1000cc  
 Pattern Width: 160-240mm  
 Working pressure: 2.0-3.5bar

Color Box: 20pcs/75X46X26cm 18/16kgs  
 20':6240PCS 40':12480PCS  
 Double Blister: 8pcs/68X30.5X42cm 13/11kgs  
 20':2568PCS 40':5144PCS

Color Box(with regulator): 20pcs/84X47X30cm 22/20kgs  
 20':4720PCS 40':9460PCS  
 Double Blister(with regulator): 8pcs/59X30.5X43cm 15/13kgs  
 20':2896PCS 40':5792PCS

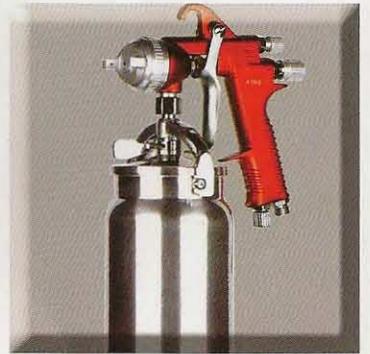
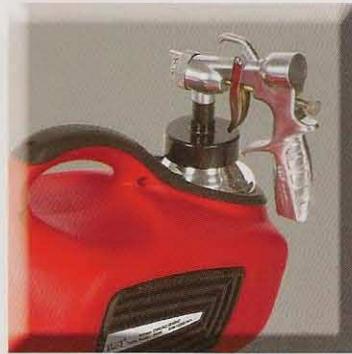
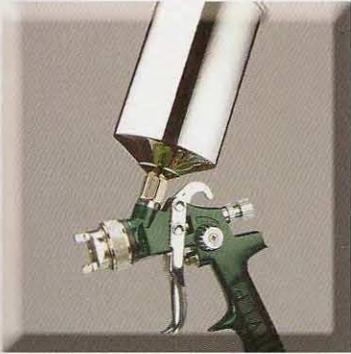
Color Reference:



MGD000051

# LUXI<sup>®</sup> TOOLS

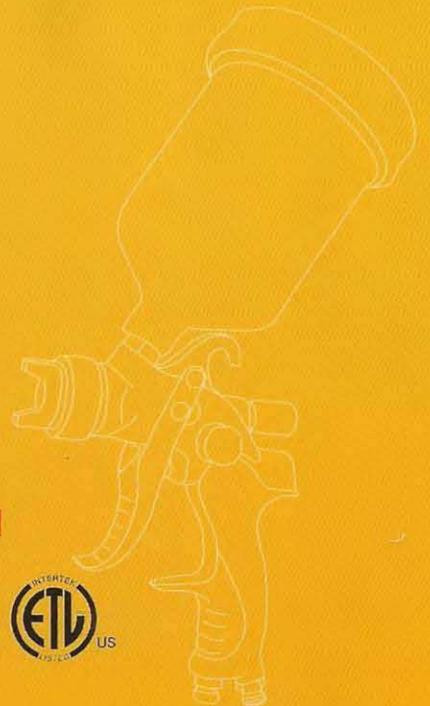
TAIZHOU LUXI TOOLS CO.,LTD.



[WWW.LUXITOOL.COM](http://WWW.LUXITOOL.COM)



ISO9001



MGD000052

PROFESSIONAL

# H.V.L.P. & L.V.L.P. Air Spray Guns

ISO 9001



Certificate TW04/02301

2010



# SUMAKE®

CE

*HVLP & LVLP Gravity Type*



**SS-1302LG**  
L.V.L.P. Gravity Type  
W/125C.C. Plastic CUP



**SS-1302HG**  
H.V.L.P. Gravity Type  
W/125C.C. Plastic CUP



**SS-1309LG**  
L.V.L.P. Gravity Type  
W/125C.C. Plastic CUP



**SS-100G**  
Gravity Type  
W/400C.C. Alum. CUP



**SS-1304LG**  
L.V.L.P. Gravity Type  
W/400C.C. Alum. CUP



**SS-1301HG**  
H.V.L.P. Gravity Type  
W/600C.C. Alum. CUP

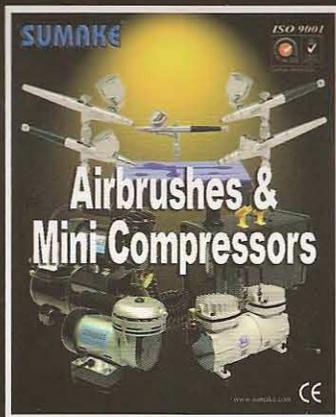
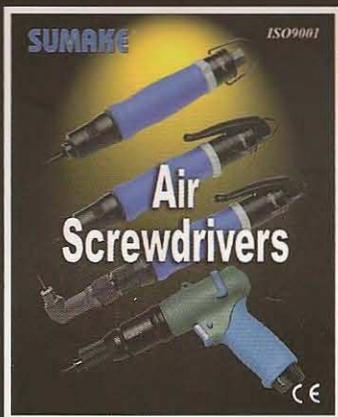
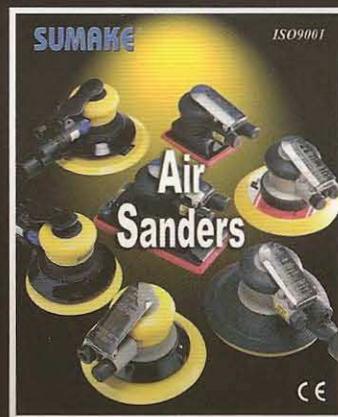
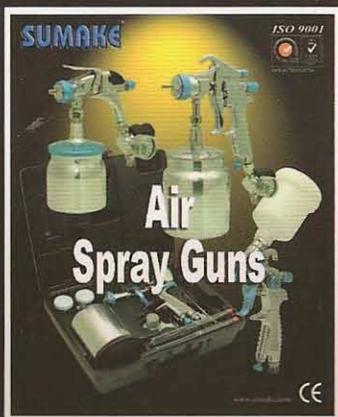
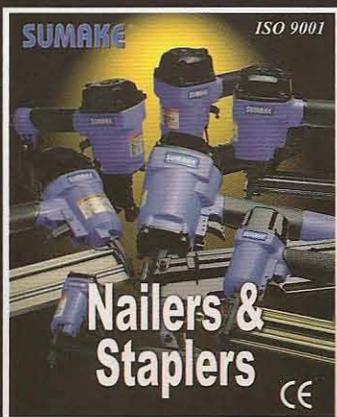
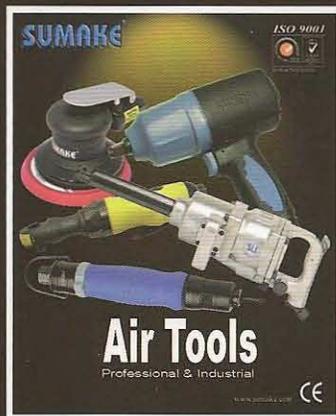
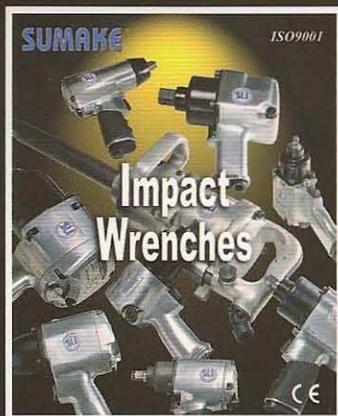


**SS-1301LG**  
L.V.L.P. Gravity Type  
W/600C.C. Alum. CUP



**SS-1303LG**  
L.V.L.P. Gravity Type  
W/600C.C. Alum. CUP

Model No.	Feed Type	Standard Nozzle (mm)	Optional Nozzle (mm)	Capacity Of Cup (l.)	Air Inlet (NPS)	Air Hose (NPS)	Avg. Air Consumption		Net Weight		Recommend Air Pressure		Packing Pcs/Ctn/G.W./Cu'ft (kgs)
							cfm	l/min	Lbs.	kg	psi	Kg/cm <sup>2</sup>	
SS-1301HG	Gravity	1.5	1.3, 1.4, 1.8, 2.0, 2.5	0.60	1/4"	3/8"	6.8	192	1.40	0.64	29	2.0	10Pcs/Ctn/11.5/2.36'
SS-1301LG	Gravity	1.5	1.3, 1.4, 1.8, 2.0, 2.5	0.60	1/4"	3/8"	3.0	85	1.40	0.64	23	1.6	10Pcs/Ctn/11.5/2.36'
SS-1302HG	Gravity	0.8	0.5, 1.0, 1.2	0.125	1/4"	3/8"	2.5	71	0.70	0.32	29	2.0	10Pcs/Ctn/8/1.7'
SS-1302LG	Gravity	0.8	0.5, 1.0, 1.2	0.125	1/4"	3/8"	2.0	57	0.70	0.32	23	1.6	10Pcs/Ctn/8/1.7'
SS-1303LG	Gravity	1.3	1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 2.2, 2.5	0.60	1/4"	3/8"	3.0	85	1.50	0.70	23	1.6	10Pcs/Ctn/12/2.36'
SS-1304LG	Gravity	1.4	1.3, 1.5, 1.8, 2.0, 2.5	0.40	1/4"	3/8"	3.1	88	1.36	0.62	23	1.6	10Pcs/Ctn/10/2'
SS-1309LG	Gravity	1.0	0.8, 1.2	0.125	1/4"	3/8"	3.1	88	0.68	0.31	23	1.6	20Pcs/Ctn/12/3.2'
SS-100G	Gravity	1.3	1.5, 1.6, 1.8	0.40	M12*1.0	M12*1.0	5.9	167	1.12	0.50	35	2.5	10Pcs/Ctn/12/2.36'



# SUMAKE<sup>®</sup>

**SUMAKE Industrial Co., Ltd.**

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Tel: 886-2-2659-3500

Fax: 886-2-2659-3700

<http://www.sumake.com>

<http://www.aircompressors.com.tw>

<http://www.hoses.com.tw>

e-mail: [sales@sumake.com.tw](mailto:sales@sumake.com.tw)

MGD000055

**Star**®

**SPRAY GUN**



***Ergonomic Design***

*Precision Machining*

# APPLICATION

<b>1.0mm</b>	Stain, Detail Touch Up & 2-Pack Topcoat	<b>1.8mm</b>	Acrylic Lacquer, Primer Filler, Enamel, Furniture Lacquer, Industrial Enamel & Primer
<b>1.3mm</b>	2-Pack Topcoat, Enamel & Polyurethane	<b>2.0mm</b>	Acrylic Lacquer, Furniture Lacquer, Primer Filler, Industrial Enamel, Primer & Metallic
<b>1.4mm/1.5mm</b>	2-Pack Basecoat, Fine Finish Top Coat, Enamel, Acrylic Lacquer & Polyurethane	<b>2.5mm</b>	Primer, Spray Putty, Industrial Enamel, Heavy Primer & Sprayable Glue
<b>1.6mm</b>	High Solid, Enamel & 2-Pack Basecoat	<b>3.0mm</b>	Primer, Zinc, Polyester, Gel Coat, House Paint & Coating requiring quick coverage (via Pressure Pot System)

## 4000F

- Central-Gravity Feed, Production Full Size Gun
- Pattern Optimized for Overlapping Efficiency & Color Matching
- High Transfer Efficiency (IPA and EPA Approved)

MODEL	STD. <sup>1</sup> SIZES (Ømm)	AIR INLET PRESSURE (PSI)	AIR CONSUMPTION (CFM)	PATTERN WIDTH (mm)
<b>SMV4000F-G</b> (Top-Fed Gravity)	1.4, 1.6, 1.8, 2.0, 2.5, 3.0	29 (2.0 BAR)	10.5~12.5	290~340 <sup>*2</sup>
<b>SLV4000F-G</b> (Top-Fed Gravity)	1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 2.0	15~19 (1.0~1.3 BAR)	10.0~12.0	240~280 <sup>*3</sup>

1mm = 0.03937 inch 1bar = 1.01972kg/cm2 = 0.1mpa = 14.503774psi 1 ℓ / min = 0.035315cfm ; 1cfm = 28.31682 ℓ / min

ALL ABOVE RECORDS ARE FOR REFERENCE ONLY

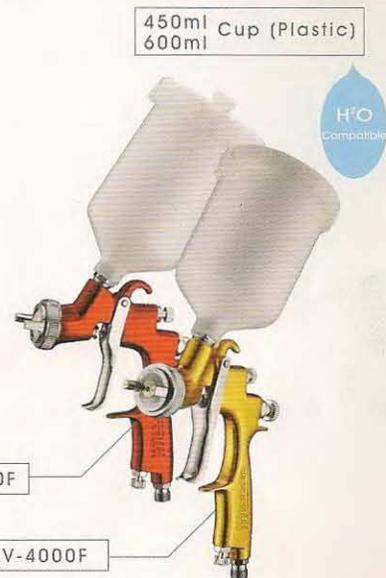
AIR INLET: 1/4" PF/NPS(M) | COMPRESSOR REQ. 2.2~3.7kW (3~5H.P.)

FLUID INLET: M16\*P1.5

\*1 OTHER SIZES (1.0~2.0mm, 2.5mm, 3.0mm) ALSO AVAILABLE; PLEASE CONTACT DISTRIBUTOR

\*2 AT SPRAY DISTANCE 140 ~210mm (SMV)

\*3 AT SPRAY DISTANCE 100 ~170mm (SLV)



## 2000F

- Suction or Pressure Feed, Production Full Size Gun
- Fast Fluid Output & Application Speed (compared to other Suction type spray guns on the market)

MODEL	STD. <sup>1</sup> SIZES (Ømm)	AIR INLET PRESSURE (PSI)	AIR CONSUMPTION (CFM)	PATTERN WIDTH (mm)
<b>SMV2000F-S</b> (Suction)	1.5, 1.8, 2.0, 2.5, 3.0	29 (2.0 BAR)	12.5~14.5	270~320 <sup>*2</sup>
<b>SMV2000F-P</b> (Pressure)	1.2, 1.3, 1.5, 1.8, 2.0	29 (2.0 BAR)	13.0~15.0	300~350 <sup>*2</sup>
<b>SLV2000F-S</b> (Suction)	1.2, 1.4, 1.6, 1.8, 2.0	18~23 (1.3~1.6 BAR)	12.5~14.5	230~270 <sup>*3</sup>

1mm = 0.03937 inch 1bar = 1.01972kg/cm2 = 0.1mpa = 14.503774psi 1 ℓ / min = 0.035315cfm ; 1cfm = 28.31682 ℓ / min

ALL ABOVE RECORDS ARE FOR REFERENCE ONLY

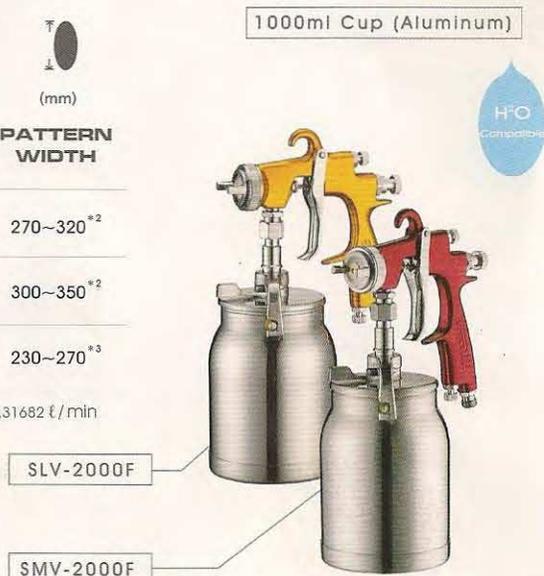
AIR INLET: 1/4" PF/NPS(M) | COMPRESSOR REQ. 2.2~3.7kW (3~5H.P.)

FLUID INLET: 3/8" PF/NPS

\*1 OTHER SIZES (1.0~2.0mm, 2.5mm, 3.0mm) ALSO AVAILABLE; PLEASE CONTACT DISTRIBUTOR

\*2 AT SPRAY DISTANCE 140~210mm (SMV)

\*3 AT SPRAY DISTANCE 100~170mm (SLV)



# 1000F

- Side-Gravity, Suction, or Pressure Feed
- Compact Size Gun, Small Compressor REQ.
- Convenience of a 360° Swivel Cup (G-Type)
- Ideal for Detail & Touch-Up Work

## MODEL



(Ømm)  
STD. SIZES



(PSI)  
AIR INLET PRESSURE



(CFM)  
AIR CONSUMPTION



(mm)  
PATTERN WIDTH



450ml Cup (Plastic Aluminum)

**SMV1000F-G**  
(Side-Gravity)

1.0, 1.2, 1.3,  
1.5, 1.8, 2.0

29  
(2.0 BAR)

8.5~10.5

240~290\*2

**SMV1000F-S**  
(Suction)

1.0, 1.2, 1.3,  
1.5, 1.8, 2.0

29  
(2.0 BAR)

10.0~12.0

220~270\*2

**SMV1000F-P**  
(Pressure)

1.0, 1.2, 1.3,  
1.5, 1.8, 2.0

29  
(2.0 BAR)

10.0~12.0

260~310\*2

**SLV1000F-G**  
(Side-Gravity)

1.0, 1.2, 1.3,  
1.5, 1.8, 2.0

15~19  
(1.0~1.3 BAR)

8.0~10.0

210~250\*3

**SLV1000F-S**  
(Side-Gravity)

1.0, 1.2, 1.3,  
1.5, 1.8, 2.0

18~23  
(1.3~1.6 BAR)

9.5~11.5

200~240\*3

1mm = 0.03937 inch 1bar = 1.01972kg/cm2 = 0.1mpa = 14.503774psi 1ℓ/min = 0.035315cfm; 1cfm = 28.31682 ℓ/min

### ALL ABOVE RECORDS ARE FOR REFERENCE ONLY

AIR INLET: 1/4" PF/NPS(M) | FLUID INLET: 1/4" PF/NPS COMPRESSOR REQ. 2.2~3.7kW (3~5H.P.)

\*1 OTHER SIZES (1.0~2.0mm, 2.5mm) ALSO AVAILABLE; PLEASE CONTACT DISTRIBUTOR

\*2 AT SPRAY DISTANCE 120~200mm (SMV)

\*3 AT SPRAY DISTANCE 100~170mm (SLV)

700ml Cup (Aluminum)

# TOUCH-UP

## MODEL



(Ømm)  
STD. SIZES



(PSI)  
AIR INLET PRESSURE



(CFM)  
AIR CONSUMPTION



(mm)  
PATTERN WIDTH

**EVO-T-106TF**  
(Top-Fed Gravity)

0.5, 0.8,  
1.0, 1.2

15~19  
(1.0~1.3 BAR)

3.0~4.5

100~150

AIR INLET: 1/4" PF/NPS(M) | FLUID INLET: M11\*P1.5 COMPRESSOR REQ. 0.7~1.5kW (1~2H.P.)

### Air Manometers:



(Deluxe Diaphragm Type)  
S-081B



(Compact Type)  
S-081C



(Optional Digital Gauge)

### Air Filter / Regulator:



L-906-M (Manual Drain)  
L-906-A (Automatic Drain)  
L-906-2W (2-Way Drain)

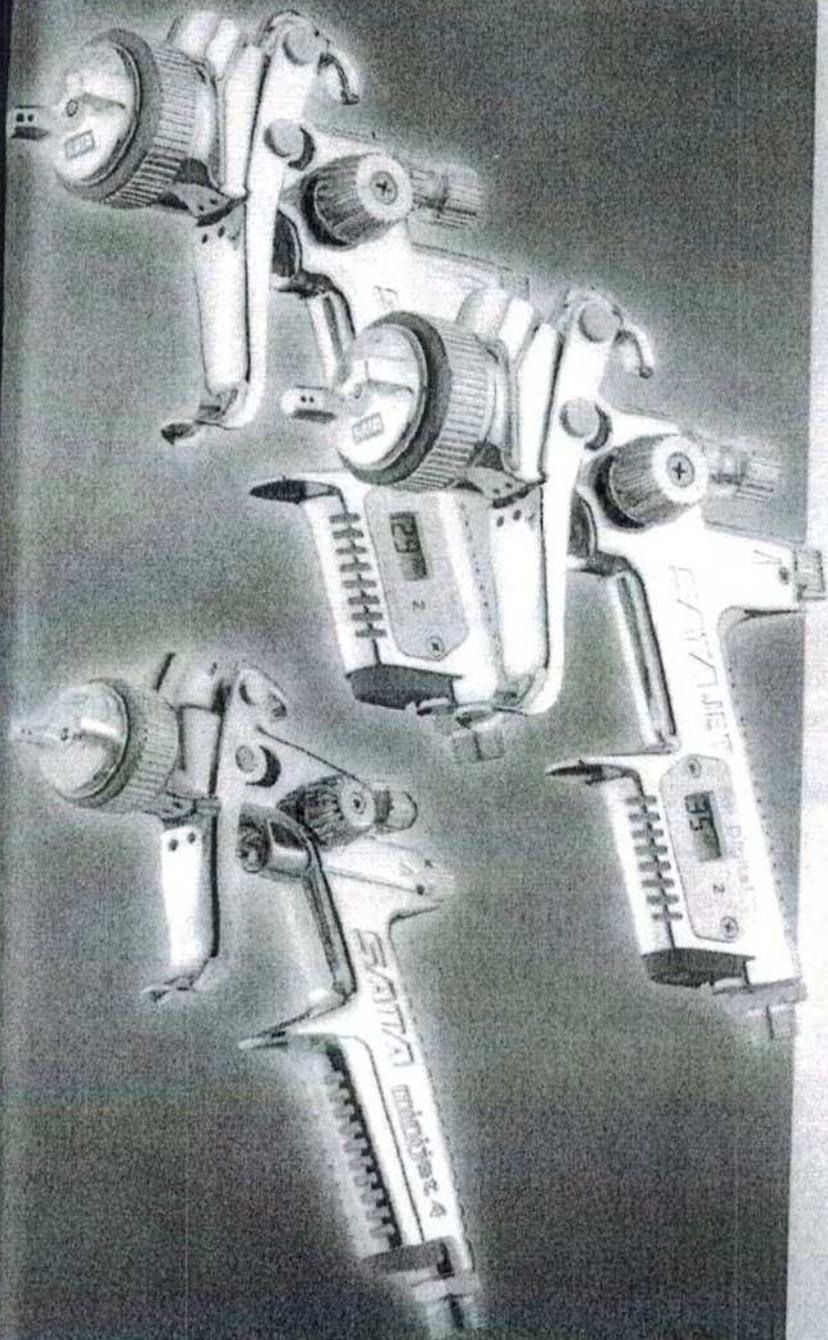
SLV-1000FS

SMV-1000FS

SMV-1000F P & SMV-2000F P Setup  
with 2-Quart Pressure Pot (2QT-S)

SATA® - Finest quality and performance

# Three of a kind



SATAjet® 2000 HVLP DIGITAL® 2

SATAjet® RP DIGITAL® 2

SATAminiject® 4

- All 3 models far exceed the HVLP mandated 65% transfer rate
- Digital versions feature pressure measurement and adjustment in the handle
- Fast working speed and fine atomization
- Precise color matching and perfect finish results
- Quick Cup Connector™ and Color Code System™
- Shockproof and gun washer safe



*Distributed Nationwide by:*

DAN-AM CO.

Toll Free: 800-533-8016

Fax: 800-633-7282

E-mail: [satajet@satausa.com](mailto:satajet@satausa.com)

[www.satausa.com](http://www.satausa.com)

Circle 59 for Reader Service

Colored air cap ring made under U.S. patent no. D-459,432 and no. D-459,433

# SATA

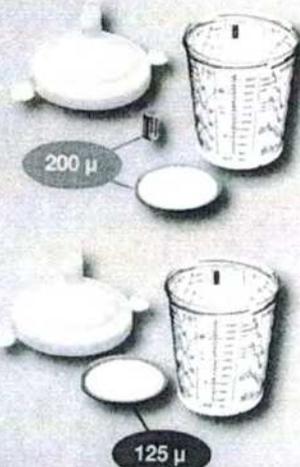


SATA® RPS™ rapid preparation system - easy, quick, economical

## Don't compromise

SATA RPS - the mixing cup for painting, refilling and storage:

- Ingeniously simple  
– only 3 components
- Uncompromising  
– no adapters required
- Perfect – proven gravity  
flow cup principle
- Economical – saves both  
time and money
- Solid – perfect for storing  
left over paint
- NEW: now available in two  
cup sizes; 0.6 and 0.9 liter



### RPS 0.6 Liter

- Order # 125062 (125 μ, flat) pk o
- Order # 125070 (200 μ plug-in) pk o
- Order # 151746 (200 μ, flat) pk o

### RPS 0.9 Liter

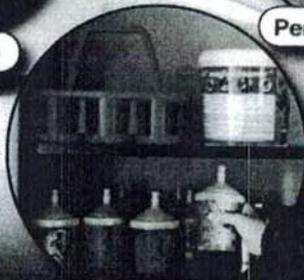
- Order # 118471 (125 μ, flat) pk c
- Order # 118489 (200 μ, plug-in) pk c
- Order # 151720 (200 μ, flat) pk c



Only one cup



Perfect finish results



Hermetic storage



Fast and easy disposal

# SATA

Exclusive Independent Nationwide  
Distributor of SATA Products

**Dan-Am Co.®**

Toll Free 800-533-8016

e-m

S 0701

# SATAjet® 4000 B

# SATA

Precision Engineering

You can match colors  
better than the rest.

So why accept compromises?

You need a spray gun that is the  
perfect match.

The SATAjet® 4000 B:

- Better ergonomics
- Higher precision
- Softer, uniform spray fan
- Lighter

**SATAjet 4000 B RP**  
**EPA APPROVED**  
**Rule 40, part 63,**  
**subpart HHHHHH**



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PO Box 46  
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Phone: 800-533-8016  
Fax: 800-633-7282  
email: satajet@satausa.com

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Booth #440



Booth #10605

For more information circle #36

# SATAjet® 4000 B

## Heart & Soul

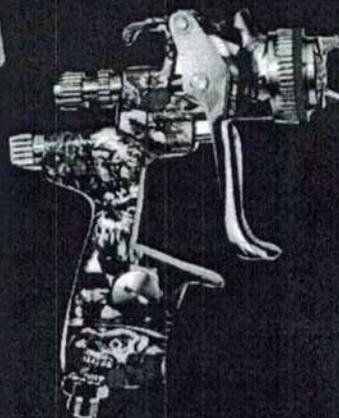
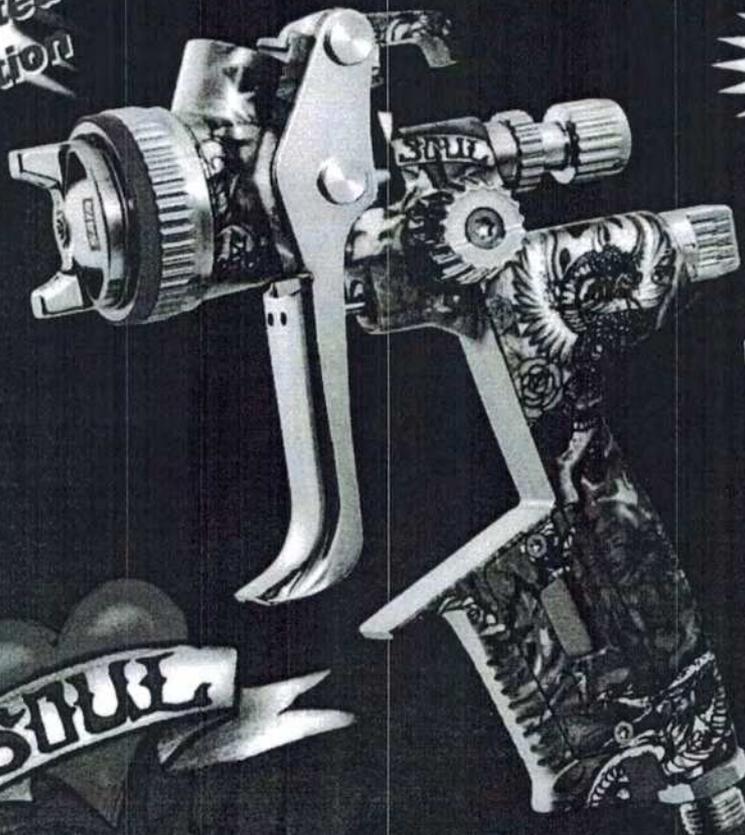
# SATA

Precision Engineering

Limited edition SATAjet 4000 B Heart & Soul  
— while supplies last!

Unique and strictly limited: The spray gun SATAjet 4000 B Heart & Soul in a unique fantasy tattoo optics created by the famous US airbrush artist Leah Gall. Comes in a wild, emotional and cool design. The special surface treatment allows the gun to be used in harsh work environment of a paint shop, or a great addition to your SATA collection. Choose between the "Super Saver" HVLP or the "Super Fast" RP in DIGITAL® or standard versions.

Limited  
Edition



SATAjet 4000 B RP  
EPA APPROVED  
Rule 40, part 63,  
subpart HHHHHH

Spray Gun Model	Nozzle Size	Product Nos.	
		Standard	DIGITAL
Heart & Soul SATAjet 4000 B	1.1	183004	183053
	1.2	182964	183012
RP* APPROVED!	1.2W	182972	183020
	1.3	182980	183038
	1.4	182998	183046
	WSB	182865	182915
Heart & Soul	1.3	182873	182923
	1.3 C	182881	182931
SATAjet 4000 B HVLP*	1.4	182899	182949
	1.4 HC	182907	182956

\*RPS sample cups included  
0.6L PVC or 1.0L alum. cups sold separately

Shipping begins Oct. 24, 2011

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Dan-Am Co.\*  
PO Box 46  
One Sata Drive  
Spring Valley MN 55975  
Phone: 800-533-8016  
Fax: 800-633-7282  
email: satajet@satausa.com

[www.satausa.com](http://www.satausa.com)



Booth #10605

For more information circle #38

# SATAjet 4000 B

## Maglite® SPRING PROMO



SATA has teamed up with MagLite and are now offering for the Spring of 2012 a **FREE** Maglite XL100 with a purchase of an impressive waterborne/solvent ready SATAjet 4000 B, standard or DIGITAL® spray gun. Available in HVLP and RP which has been approved by the EPA under rule 40, part 63, subpart HHHHHH for use in HVLP mandated areas.



**FREE BONUS!**  
\$39.99 Value

**MAGLITE**  
**XL100**  
LED FLASHLIGHT

**NEW!**

Advanced Flashlight User Interface

5 Selectable Modes:

- **NORMAL** (on-Off)
  - **STROBE**
  - **NITE LITE™**
  - **SIGNAL**
  - **SOS**
- Plus: Lockout



Spray Gun Model	Nozzle Size	Product Nos.	
		Standard	DIGITAL
SATAjet 4000 B RP*	1.1	171520	171553
	1.2	169979	170019
	1.2W	169987	170027
	1.3	169995	170035
	1.4	170001	170050
SATAjet 4000 B HVLP*	1.2	170159	166249
	WSB	170167	170357
	1.3	170175	170365
	1.3 C	170183	170373
	1.3 LV	170191	170381
	1.4	170209	170399
	1.4 HC	170217	170407
1.5	170696	170704	

\*RPS sample cups included  
0.6L PVC or 1.0L alum. cups sold separately

Available first week of March.  
Offer good while supply lasts.  
Contact your local SATA  
dealer to order yours today



MagLite XL100  
multi-function  
flashlight

<<< Scan it with your smart phone >>>

SATAjet 4000 B  
many valuable  
features



[www.satausa.com](http://www.satausa.com)

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and Puerto Rico

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Spring Valley MN 55975  
Phone: 800-533-8016

For more information circle #28

## SATA Filters

High performance filter systems for ultimate air purification; A requirement in waterborne shops



German Engineering

### Clean Compressed Air for Perfect Finish Results

The SATA 400 modular filter product line is designed to meet the highest standards of quality and performance. The modular system allows the user to adapt to varying shop conditions and requirements.

Compressor oil, condensation, dust and scale in airlines will be thoroughly removed. SATA filter units provide 100% technically clean air, **bringing your spraying air to breathing air quality.** This is a necessity when spraying waterborne paint, the SATA 3-stage filter with activated charcoal provides that.

www.satausa.com



#### Facts, Features, Benefits:

- High CFM volume capacity
- Convenient, precise pressure adjustment
- Fully automatic condensation discharge
- Particle filtration to 0.01 micron
- Fine filter saturation monitored by pressure differential
- Corrosion proof
- Heavy duty with metal filter housing for long service life
- Provides contaminate free air for waterborne and clean breathing air



484 Filter  
Order # 92320



482 Inline Filter  
Order # 92320L



284 Filter  
Order # 141218



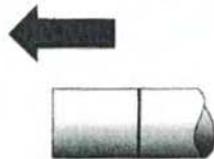
284L Inline Filter  
Order # 189290

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Phone: 800-533-8016  
Fax: 800-633-7282  
email: satajet@satausa.com

## DanAmAir®

DanAm Air is  
Advanced Air Piping System  
for compressed air.



### Measure & Cut • Push to Connect

Compressed air represents one of the largest opportunities for immediate energy savings. Shop management is often surprised to hear that compressed air can represent 20-50% of a shop's electric bill. Customers are amazed when they find out that using an efficient piping system specifically designed for compressed air can reduce their energy bill by 30-60%, many times within a 24-month period.

- Increased air system reliability
- Reduced maintenance cost and extended equipment life
- Reduced system downtime, increased production rates

The results speak for themselves and show that DanAm Air is the best performing system and the best long-term choice, no matter whether the project is for an extension, the modification of an existing pipe system or a new installation.



#### DanAm Air's benefits include:

- Energy efficient
- Lower installation costs
- Push-to-connect technology
- Immediate pressurization
- Removable and reusable
- Modular design
- No corrosion
- Leak-free guarantee
- Full bore design
- 1/2" - 4" pipe sizes

www.DanAmAir.com

email: mt@satausa.com

For more information circle #33

**SATA** Primer application in a new dimension

# SATA - Prime Time!

**SATAjet 100 B -  
perfect surfaces  
start from the base**

- Optimized atomization and spray fan for extremely smooth material application
- Lightweight ergonomic design for fatigue free work
- Smooth coated spray gun surface and material passages for easy and quick cleaning
- Fluid and fan control knobs for better control and ease of use
- Both HVLP and RP achieve a transfer rate of >65%
- Low air pressure, 10-29 psi
- Choose your technology:

SATA® jet 100™ B F HVLP  
- the *Super Saver*

SATA® jet 100™ B F RP  
- the *Super Speed*

SATA® jet 100™ B P  
- the *Special Gun*  
for polyester spray filler

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Circle 25 for Reader Service

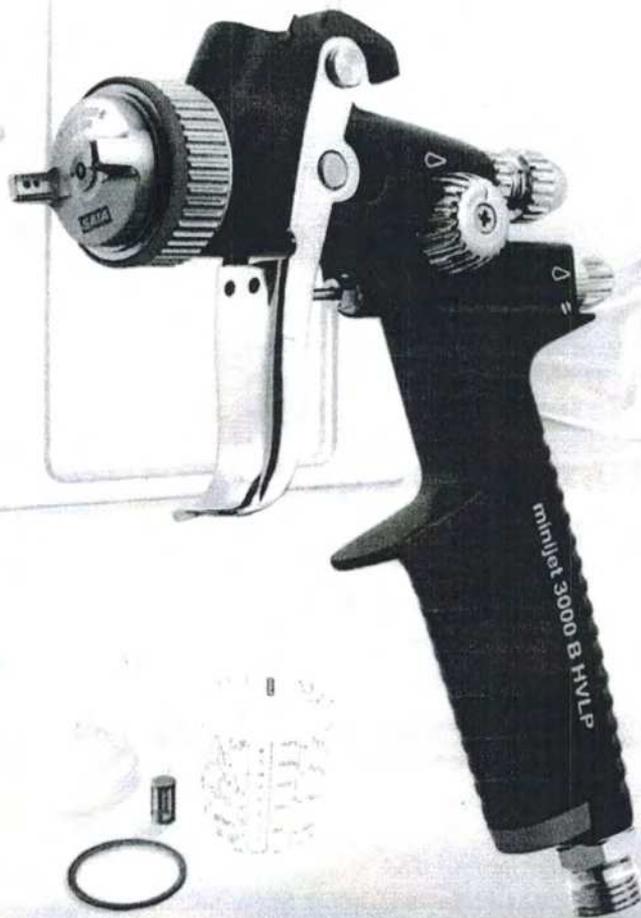
Spray Gun Model	Nozzle Size	Product Nos.	
		0.6 L PVC Cup	1.0 L Alum Cup
SATAjet 100 BF RP	1.6 mm	145193	146159
	1.8 mm	145201	146167
	2.0 mm	145219	147439
SATAjet 100 BF HVLP	1.4 mm	146373	146399
	1.7 mm	145722	146191
	1.9 mm	145730	146209
	2.1 mm	145748	147462
SATAjet 100 BP	2.5 mm	145185	147470

**SATA** the finest selection for creative ideas

**NEW!**  
LIMITED EDITION  
MINIJET

**Special Edition**

# SATAMiniJet 3000 B HVLP



**Small in size -  
BIG  
on  
Performance**

- Wide range of applications from design to blending
- Ideal for Spot Repair
- Integrated air micrometer
- QCC™ - Quick Cup Connector™
- Low air consumption
- Transfer efficiency greater than 65% with HVLP technology
- Perfect atomization results for the finest finishes
- QC™ - Quick Change™ air cap
- Designed for left or right hand painters

#### SATAMiniJet 3000 B HVLP

Part no.	Description
173120	0.8SR
173138	1.0SR
173161	1.2SR
173179	1.4SR

Supplied: SATAMiniJet spraygun, nozzle set, tool kit, CCS color chips, 4 - 0.3 RPS cups, manual. Reusable cup sold separately. Available while supply lasts.

#### The Special Edition

SATAMiniJet 3000 B HVLP comes with a truly appealing frosted black special surface coating.

During the sales campaign the black SATAMiniJet will offered at an attractive price for as long as they are available. This long-lasting, SATA top quality minijet paint spray gun in HVLP technology not only provides perfect finish results, but also achieve the highest material transfer rates. Like every other SATA paint spray gun, each of these special edition spray guns is hand-adjusted and perfectly suitable for daily use with solvent or water borne material.

**SATAMiniJet 3000 B**  
Precision Engineering

**SATA**

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SATA products in the US and Puerto Rico

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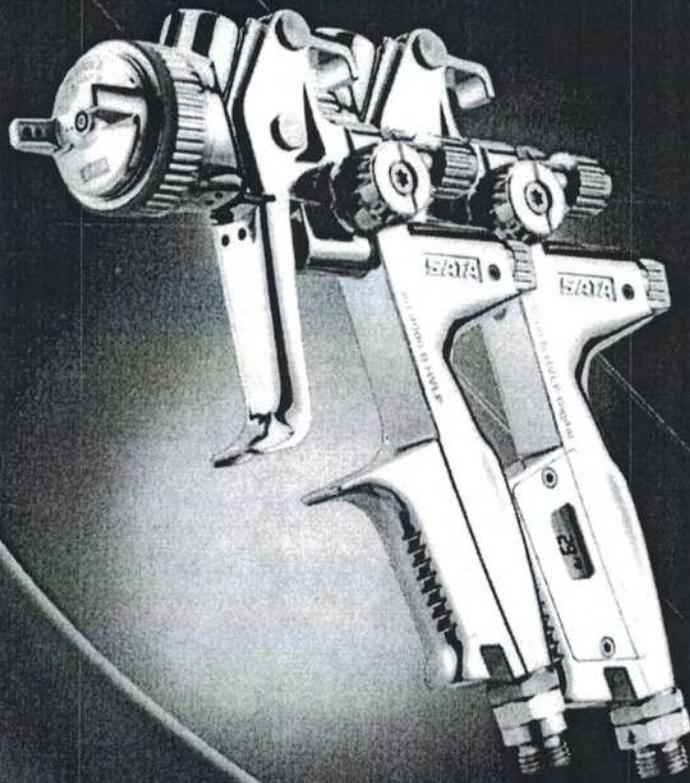
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**SATA** Discover the Difference

# The new SATAjet® 4000 B

**NEW!**



**SATAjet® 4000 B**  
Precision Engineered



Circle 13 for Reader Service

## Made for the Best!

- Very soft and even spray pattern
- Light as a feather
- Better ergonomics
- Higher precision
- Durable
- Matched nozzle sets
- 3 year warranty
- Perfectly suited for waterborne or solvent borne paints

Spray Gun Model	Nozzle Size	Product Nos.	
		Standard	DIGITAL
SATAjet 4000 B RP* <small>Pending SCQMD approval to meet EPA Rule 40</small>	1.1	Call	Call
	1.2	169979	170019
	1.2W	169987	170027
	1.3	169995	170035
	1.4	170001	170050
SATAjet 4000 B HVL* <small>*RPS sample cups included 0.6L PVC or 1.0L alum. cups sold separately</small>	1.2	170159	166249
	WSB	170167	170357
	1.3	170175	170365
	1.3 C	170183	170373
	1.3 LV	170191	170381
	1.4	170209	170399
	1.4 HC	170217	170407
	1.5	170696	170704

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e-mail: [satajet@satausa.com](mailto:satajet@satausa.com)

**Andrea Team Inc.** www.andreaefilters.com  
**Auveco Products (Auto Vehicle Parts Co.)** www.auveco.com  
**Catalyst Industries, Inc.** www.finalsand.com  
**Dominion Sure Seal Ltd.** www.dominionsureseal.com  
**Garage Equipment Supply** www.geusa.com  
**International Epoxies & Sealers** www.useies.com  
**Kent Automotive** www.kent-automotive.com  
**Klean-Strip Automotive** www.kleanstripauto.com  
**Lord Corporation** www.lord.com/tusor  
**MIPA Professional Coating Systems** www.mipa-paints.com  
**Norton** www.nortonautomotive.com  
**Parasol, Inc.** www.parasolinc.com  
**Pro-Spray Automotive Finishes** www.prosprayfinishes.com  
**R. Conrad Reese Sales & Service** www.rconradreese.com  
**Rightlook.com, Inc.** www.rightlook.com  
**Rust Stop Canada** www.ruststop.ca  
**Sherwin-Williams Automotive Finishes** www.sherwin-automotive.com  
**Spies Hecker** www.spiesheckerusa.com  
**SprayMax Aerosols** www.uschem.com  
**Standox** www.standexna.com  
**Style-Line Corp. Intl.** www.soft-sanders.com  
**U.S. Chemical and Plastics** www.uschem.com  
**U-POL US Inc.** www.u-pol.com  
**Xtreme Liners** www.xtremeliners.com

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**DeWalt** www.dewalt.com  
**Equipment Gateway** www.equipmentgateway.com  
**Killer Tools & Equipment Corp.** www.killertools.com  
**NAPA** www.napaonline.com  
**Prime Supply Inc./AirVANTAGE Tools** www.airvantagepools.com

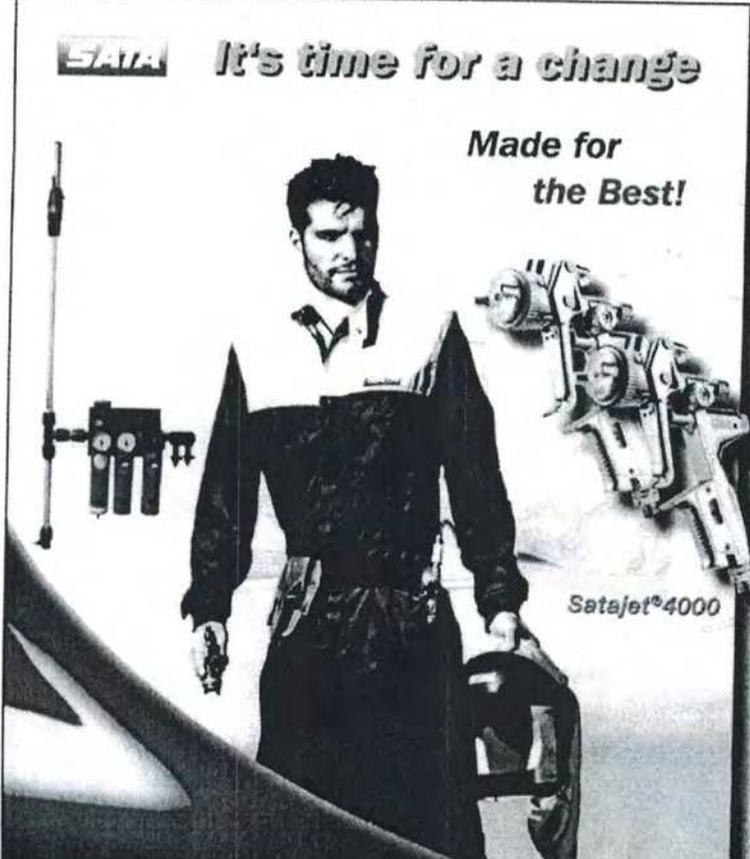
**3M** www.3m.com/automotive  
**ARC Manufacturing** www.arcmf.com  
**Autotron Induction Heating Systems** www.autotronheater.com  
**Axis Capital, Inc.** www.axiscapitalinc.com  
**B&B Auto Glass & BodyShop Tools** www.btbtools.com  
**Bad Dog Tools** www.baddogtools.com  
**Body Supply & Fastener Co.** www.bsfc.com  
**Campbell Hausfeld** www.chpower.com  
**Central Coast Filter & Supply Co.** www.centralcoastfilter.com  
**Collision Equipment Group, Inc.** www.cegroup.com  
**Data Welder Inc.** www.datawelder.com  
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**S&H Industries** www.shindustries.com  
**Sherwin-Williams Automotive Finishes** www.sherwin-automotive.com  
**Sunex Tools** www.sunextools.com  
**The Collision Equipment Group Inc** www.cegroup.com  
**Trade Associates Inc.** www.dura-block.com  
**Vortex Sprayliners, Inc.** www.vortexsprayliners.com

#### PREP & SURFACE PRODUCTS

*Products specifically designed for prep work: wax & grease removers, rust removers, adhesive removers, surface-prep products, primer surfacers, paint removers, solvents, epoxies, etc.*

**Auto Body Toolmart** www.autobodytoolmart.com  
**BASF Automotive Refinish** www.basrefinish.com  
**ChemSpec USA** www.chemspecpaint.com  
**Evercoat** www.evercoat.com  
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**Matrix System Automotive Finishes** www.matrixsystem.com  
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**NAPA** www.napaonline.com  
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**PPG Automotive Refinish** www.ppgrefinish.com  
**Presta Products** www.prestaproducts.com  
**Rubber-Seal/Medallion Products** www.rubber-seal.com  
**Southern Polyurethanes** www.southernpolyurethanes.com  
**Transtar Autobody Technologies** www.tal-co.com  
**Ultimate Linings** www.ultimatelinings.com  
**Wizards Products** www.wizardsproducts.com

**3M** www.3m.com/automotive  
**American Sealants, Inc.** www.americansealants.net  
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**ArmaKleen Company** www.armakleen.com  
**Automotive International, Inc.** www.valvgard.net  
**Axis Capital, Inc.** www.axiscapitalinc.com  
**Body Supply & Fastener Co.** www.bsfc.com  
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**Carborundum** www.carborundumabrasives.com  
**Catalyst Industries, Inc.** www.finalsand.com  
**Cumberland Products, Inc.** www.cumberlandproductsinc.com  
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**Dupli Color** www.duplicolor.com  
**EMM America, Inc.** www.emmamerica.com  
**E-Z Mix Products** www.ezmix.com  
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**Franmar Chemical, Inc.** www.franmar.com  
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**SATA** *It's time for a change*

**Made for  
the Best!**

Satajet®4000

**Filter your air to protect your health and have the ultimate waterborne paint job**

*Complete air systems for the true professional, we have all your filtration and painting needs;*

- Three stage filters
- NIOSH approved respirators
- Best spray guns in the world

Call 1-800-533-8016  
or  
e-mail; [satajet@satausa.com](mailto:satajet@satausa.com)  
for a personal air evaluation

**SATA**

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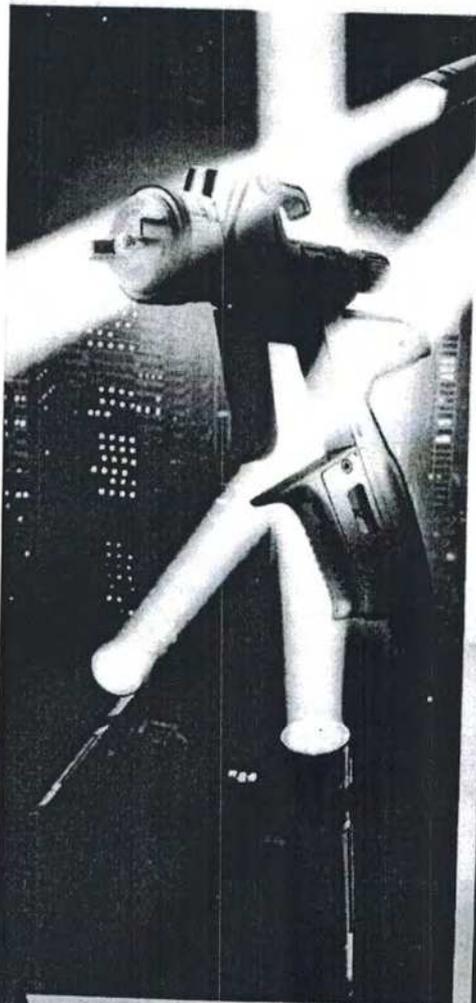
Circle 81 for Reader Service

# SATAjet 4000 B

## Maglite® SPRING PROMO



SATA has teamed up with MagLite and are now offering for the Spring of 2012 a FREE Maglite XL100 with a purchase of an impressive waterborne/solvent ready SATAjet 4000 B, standard or DIGITAL® spray gun. Available in HVLP and RP which has been approved by the EPA under rule 40, part 63, subpart HHHHHH for use in HVLP mandated areas.



**FREE BONUS!**  
\$39.99 Value

**MAGLITE**  
**XL100**  
**LED FLASHLIGHT**

**NEW!**  
Advanced Flashlight User Interface™

**5 Selectable Modes:**

- NORMAL (on-Off)
- STROBE
- NITE LITE™
- SIGNAL
- SOS

Plus Lockout



Spray Gun Model	Nozzle Size	Product Nos.	
		Standard	DIGITAL
SATAjet 4000 B RP*	1.1	171520	171553
	1.2	169979	170019
Meets EPA rule 40, part 63, subpart HHHHHH guidelines	1.2W	169987	170027
	1.3	169995	170035
	1.4	170001	170050
	1.2	170159	166249
	WSB	170167	170357
SATAjet 4000 B HVLP*	1.3	170175	170365
	1.3 C	170183	170373
	1.3 LV	170191	170381
	1.4	170209	170399
	1.4 HC	170217	170407
	1.5	170696	170704

\*RPS sample cups included  
0.6L PVC or 1.0L alum. cups sold separately

Available first week of March.  
Offer good while supply lasts.  
Contact your local SATA  
dealer to order yours today



MagLite XL100  
multi-function  
flashlight

for more info visit  
[www.maglite.com](http://www.maglite.com)

<<< Scan it with your smart phone >>>

SATAjet 4000 B  
many valuable  
features

for more info visit  
[www.satausa.com](http://www.satausa.com)



[www.satausa.com](http://www.satausa.com)

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Phone: 800-533-8016

Circle 21 for Reader Service

## Stop by the SATA booth #4527 at the IWF Fair Atlanta

The International Woodworking Machinery & Furniture Supply Fair - USA® is one of the world's largest trade shows for the furniture manufacturing, architectural woodwork, custom and general woodworking industries. IWF will take place in Atlanta, Georgia from August 25-28, 2012.

IWF will once again attract companies from all over the world to display the latest technology in machinery, supplies and services available to the marketplace.

Wood finishing is an important component of Dan-Am Company's business and Dan-Am is the nationwide distributor for SATA Spray Equipment. The manufacturer, SATA GmbH and Co., is the recognized leader in innovation and spray gun technology. Customers in the cabinet and furniture trade realize that SATA incorporates

the latest equipment technology to make their company more productive and competitive.



Dan-Am Company's personnel will be on hand at IWF booth #4527 to explain the latest in SATA spray equipment. Dan-Am will have a comprehensive product line on display at IWF. It will include HVLP and RP (reduced pressure) gravity and pressure fed guns as well as filter systems and supplied air respirators and Dan-Am's new line of aluminum compressed air piping called DanAm Air.

Special industrial material delivery equipment will also be on display including pressure tanks, air assisted piston pumps and double diaphragm pumps. SATA automatic and robotic guns are available for inspection as well as many accessories for finishing.

## Happy 28th Anniversary Air Brush Action

Airbrush Action is the leading airbrush publication and authority on airbrushing for more than 28 years. Airbrush Action is edited for automotive custom painting, pin-up art, T-shirt airbrushing, hobbycraft applications, body art, airbrushed makeup, illustration, fine art and tons more. Learn how to airbrush and master the tips and tricks from the World's best airbrush artists.

Go to [www.airbrushaction.com](http://www.airbrushaction.com) and sign up today!



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Exclusive Independent Distributors of SATA Products in the US are:

**DAN-AM Co.®**

One Sata Drive  
PO Box 46  
Spring Valley MN 55975-0046

## Jon Kosmoski "Kustom Painting Secrets"

New Kustom Painting Secrets book is hot off the press, and in stock. Jon Kosmoski has once again teamed up with Tim Remus at Wolfgang Publications, Inc to produce a great new How-To book. He starts with the basics of how to set up a shop, pick a compressor and plumb in new airlines. He covers modern paint technology, and the right equipment to use it perfectly. The book is filled with SATA products, and how to use them. It shows a section on the new DanAm Air aluminum piping, and goes into great detail on care and maintenance of spray guns. Full of great colored pictures of many of his own latest projects, and those of others. It is 144 pages containing a lifetime of Jon's Experience. This is a great book for any painter, and will be a great addition to any vocational schools must-read list. Get them at your local SATA dealer!  
**Part No. 430151**



## Important events to mark on your calendar

- IWF Booth 4527 Aug 22 - 25 Georgia World Congress Convention Center Atlanta, GA [www.iwfatlanta.com](http://www.iwfatlanta.com)
- NACE \*Booth N1904 Oct 11 - 13 Morial Convention Center New Orleans, LA [www.naceexpo.com](http://www.naceexpo.com)
- SEMA Booth Pricing Oct. 30 - Nov 2 Las Vegas Convention Ctr Las Vegas, NV [www.semashow.com](http://www.semashow.com)

\*Master Sales and Marketing will be representing SATA Spray Equipment

## Dan-Am Co.® Notes

### Company Closings

- Memorial Day Monday, May 28 Closed
- Independence Day Wednesday, July 4 Closed
- Labor Day Monday, Sept. 3 Closed

### DanAm Air® (a Dan-Am Co.) announces a price change effective July 16, 2012

We at Dan-Am Co. are taking this opportunity to give you the earliest possible notification of an upcoming price change for DanAm Air aluminum piping and parts. We will be changing our prices on July 16, 2012. We assure you we have done all we can to absorb increases, and through efficiency keep this increase to a minimum. Production and material cost changes are significant reasons for this increase. A price list may be requested by emailing [mt@satausa.com](mailto:mt@satausa.com)

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## Team Scream

[www.avengertracing.com](http://www.avengertracing.com)



Congratulations Jim Koehler and the AVENGER crew, 2011 Monster Jam World Free Style Champion!

Watch for full article on the SCREAM TEAM in an upcoming issue of SATA News

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Complete findings

# SATA Has All Your Waterborne Application Needs!

## Waterborne Drying Systems - Premium, Dan-Am and Econo-Jet Stands

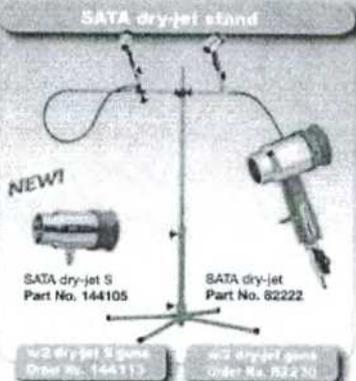
### Premium Waterborne Drying System

#### SATA® dry jet™

This practical, lightweight hand held blowgun makes quick work of drying waterborne material. A special nozzle design multiplies air volume from ambient air using the venturi injection principle. An air intake filter prevents contamination of the paint. The dry jet blowgun is equipped with a shut-off valve. Air consumption is only 8.2 cfm at 29 psi. Lowest in its class.

#### SATA® dry jet™ stand

For drying larger areas of waterborne the stand is recommended. Up to three dry jet blowguns can be mounted and aimed at the object. The drying area is doubled or tripled. The stand offers many advantages including unattended use and it may be placed in any position. Blowguns rotate 360°. The stand is adjustable in height from 9.8 to 72.8 inches and 3.9 to 29.5 inches in width. Dry Jet Stand only, Order No. 82198



#### SATA® dry jet™ options

- 15.8 inch width extension w/one dry jet blowgun (82222)..... Order No. 86140
- w/one dry jet S blowgun (144105)..... Order No. 144113
- 47.2 inch height extension..... Order No. 84145
- SATA dry jet blowgun filters, pkg of 3..... Order No. 82248
- Blowgun filter holder..... Order No. 81889

### Dan-Am Dry-Jet Stands

Dan-Am Co. introduces the NEW Dan-Am Dry-Jet gun stand.

This new mobile stand can hold up to three jet-dry guns with its large 48" horizontal mounting bar, no extension needed. Adjustable gun height from 40" to 80", with 360° swivel or tilt. Supplied with high flow connections and hoses for maximum performance of the blow gun. It is easily set up and compact for storage, made of corrosion resistant zinc plated tubular steel with an aluminum tripod. The stand will be offered as a package with two guns.

#### Add-on blow gun

SATA dry-jet "S" & hose asm. Part No. 720706  
SATA dry-jet, & hose asm. Part No. 720708



### Econo-Jet Blow Gun Stand

Dan-Am Co. introduces the NEW Econo-Jet blow gun stand.

This economical mobile stand holds up to two blow guns, adjustable gun height, with 360° swivel or tilt. Supplied with high flow connections and tubing for maximum performance of the blow gun. It is easily set up and compact for storage. It is fully compatible with SATA's dry-jet blow gun and the JetJet SATA dry-jet "S". The stand will be offered as a package with two guns. This is a must have tool for drying waterborne paint, as waterborne dries substantially faster with air flow, saving time for more added production.



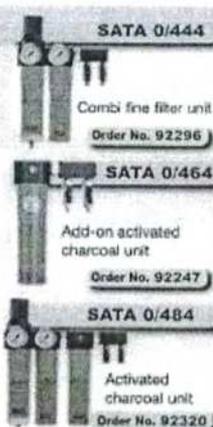
## Worker Health Protection and Compressed Air Purification - Top Quality Safety and Clean Air

### SATA 0/400™

#### Filter Systems

##### Unique Features:

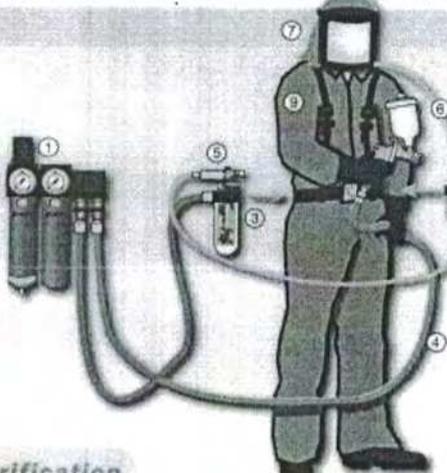
- High air volume of 3600 Nl/min (129.6 cfm at 90 psi)
- Flugged all metal housing
- Long service life - heavy duty Anti-corrosion proof
- Adaptable modular construction allows add-ons
- Fine filter filtration to 0.01 micron
- Fully Automatic condensation discharge
- No desiccant maintenance
- Temperature resistant to 248° F (charcoal units to 140° F)



### Respirators

#### Vision™ 2000 Respirator

- ① SATA 0/444 two stage fine filter for 100% technically clean air Order No. 92296
- ② Kink free, crush resistant 35" compressed air hose Order No. 3366-95
- ③ Activated charcoal filter Order No. 3366-35
- ④ Connecting hose to spray gun Order No. 3366-35
- ⑤ Breathing air warmer Order No. 81242
- ⑥ Connecting hose for breathing air Order No. 51854
- ⑦ Vision 2000 hood Order No. 89086
- ⑧ Top-Air™ humidifier Order No. 89086
- ⑨ Belt Unit Support Straps Order No. 15412



#### SATA vision 2000™



Full-face (hood) respirator - kit

Order No. 36384

#### SATA airfresh™



Half-mask respirator - kit

Order No. 36962

### Worker Health Protection and Air Purification

For maximum health and safety in the workplace, user health, and working conditions directly influence company success and vitality.

SATA respirators have proven their safety standards, performance, long life and user comfort.

The high quality and performance of SATA filtration systems ensure the best quality standards for compressed air. This is just as important for pure breathing air as well as flawless function of pneumatic tools.

NIOSH approved respirators must be supplied with Type I Grade D air within the approved pressure range at the point of attachment of the respirator to the air delivery system.

## Turbo Cleaning: SATA Clean RCS - Rapid Cleaning System

Rapid and safe color change is the basis of profitable business in professional body shops with high paint job frequency. The high acceptance of disposable flow cups has considerably eased work processes in the spray booth. Now, the SATA clean RCS also ensures quick, proper and comfortable in-between cleaning of the paint spray gun. Spray bottles for gun paint channel cleaning can only be regarded as alternative solutions.

#### User-friendly in-between cleaning in only 25 seconds

The SATA clean RCS is a pneumatic cleaning system for in-between cleaning of the paint spray gun when using disposable cups. It optimizes the painter's work processes and, therefore, bodyshop profitability. With the SATA clean RCS mounted in the spray booth, it is possible to effect several subsequent color changes with extremely short cleaning interruptions.

This saves additional effort for the painter. Contrarily to in-between cleaning by means of pipette or pump spray bottles the used cleaning liquid is collected in a container which avoids additional soiling of paint booth exhaust filters and spray booths.

#### Order Numbers:

SATA clean RCS Order # 146944

#### Advantages at a glance

- Safe and rapid color change with disposable cup use, even with critical changes (e.g. black / white).
- Mounts in the spray booth or in the preparation room.
- Suitable for waterborne and solvent-based paint systems.
- High cleaning power and residue-free removal of all paint remainders in the paint channel, even in places hard to access.
- Collecting container for used cleaning liquid avoids additional soiling of the spray booth - lasting profitability and savings potentials due to increased booth filter life time.
- No readjustment of the gun inlet pressure and no disconnecting required - automatic pressure adaptation when switching between "Spraying" and "Cleaning".
- Shelf space for prepared disposable cups during paint jobs.
- Increases paint job frequency and capacity utilization of the spray booth.

#### Accessories:

Gun holder for gravity flow cup gun Order # 9886  
Air hose, 0.5 m long, for connecting filter unit and SATA clean RCS Order #146514

#### Only 2 cleaning steps:



1. Flushing and clearing the paint channel and air cup (approx. 21 sec.)



2. Disposable used

# Approved Breathing Equipment

"Always look for the original and distinctive SATA® design"

## NIOSH APPROVED SATA FULL HOOD AND HALF MASK SUPPLIED AIR RESPIRATORS

The SATA half mask has been assigned approval number TC-19C-210 and the SATA vision™ 2000 Hood (Type C continuous flow loose fitting supplied air respirator with a full face shield) TC-19C-211. The new approvals concern the belt unit with charcoal filter (No. 37200 full hood, No. 37192 half mask); the breathing respirator (No. 51854 full hood, No. 39693 half mask) and a respirator accessory, SATA top air™ humidifier (No. 89086).



NIOSH approved respirators must be supplied with Type 1, Grade D air within the approved pressure range at the point of attachment of the respirator to the air delivery system. *The belt unit with activated charcoal filter and gauge, allowing the painter to visually check airflow and the hood or half mask is part of the approved system and thus NIOSH approved.*



SATA® vision™ 2000 Full Hood Breathing Set	Order No. 36384	\$796.95 Sug. List
SATA airfresh half mask Breathing Set	Order No. 36962	\$744.45 Sug. List
SATA vision 2000 Hood Only	Order No. 51854	\$439.95 Sug. List
SATA vision 2000 Belt Unit Only	Order No. 37200	\$441.00 Sug. List
SATA airfresh half mask Only	Order No. 124149	\$345.45 Sug. List
SATA half mask Belt Unit Only	Order No. 37192	\$441.00 Sug. List
SATA top air™ humidifier	Order No. 89086	\$682.45 Sug. List
SATA Belt Unit Support Straps	Order No. 15412	\$95.15 Sug. List
SATA Activated Charcoal Filter	Order No. 13904	\$67.10 Sug. List
SATA vision™ 2000 Rep. Visor, 5pk	Order No. 35659	\$18.65 Sug. List
25 pk	Order No. 35675	\$63.75 Sug. List
50 pk	Order No. 35050	\$117.60 Sug. List
100 pk	Order No. 35100	\$217.30 Sug. List
Paint Whip Hose	Order No. 55640	\$17.05 Sug. List

High quality 3/8" Premoflex non-gassing hose in lengths from 25 to 100 feet.

	25 feet	Order No. 3366-25	\$56.45 Sug. List
	35 feet	Order No. 3366-35	\$79.05 Sug. List
	50 feet	Order No. 6633-50	\$112.90 Sug. List
	60 feet	Order No. 6633-60	\$135.45 Sug. List
	75 feet	Order No. 6633-75	\$169.35 Sug. List
	100 feet	Order No. 6633-100	\$225.75 Sug. List

Breathing Air Hose



Dan-Am Paint Suit

Dan-Am Co. machine washable paint suits with hood, adjustable cuffs, elastic waistband and SATA logo.

Small	Order No. 510052	\$48.25 Sug. List
Medium	Order No. 510054	\$48.25 Sug. List
Large	Order No. 510056	\$48.25 Sug. List
Xlarge	Order No. 510058	\$48.25 Sug. List
XXLarge	Order No. 510060	\$48.25 Sug. List
XXXLarge	Order No. 510062	\$48.25 Sug. List



SATA® airfresh™ Half Mask

## Carbon Monoxide Monitors

### X144 "ICOM"

(Individual Carbon Monoxide Monitor)

- Mounts inside the hood
- Battery powered stand alone unit
- Weighs less than 1 ounce



The battery powered 76db X144 ICOM is a high performance, simple and effective tool for monitoring Carbon Monoxide. A control chip is factory set and programmed to alarm when the CO level in compressed air exceeds the OSHA standard of 10ppm. Because it is so tiny, it mounts on the inside of the SATA vision 2000 supplied air respirator hood with a Velcro strip. The X144 ICOM is designed specifically to be affordable and easy to use in any shop.

"ICOM" 76db Battery Powered  
Order No. X144

Sugg. List \$289.00

### X758 "Sentry"

Carbon Monoxide Monitor

- 1½ volt battery powered
- Reliable Electrochemical sensor
- Complies with OSHA regulations



Economy and simplicity were the most important ingredients for the design concept of the 88db X758 Carbon Monoxide Monitor. It compliments SATA dual and tri-stage filter systems but it may also be connected to virtually any filter unit. The X758 automatically monitors breathing air and sounds an alarm if the OSHA limit of 10 ppm is exceeded. Airflow passes through a sintered porous stainless steel element and is vented externally from the instrument. Power is supplied internally by a 1 ½ Volt C battery. It is easily replaced within minutes and lasts up to 6 months of continuous operation. Normal operation is indicated by a blinking green light and low battery by an amber light.

"Sentry" 88db 1 ½ Volt DC

Order No. X758

Sugg. List \$829.00

### X767 "Guardian"

Carbon Monoxide Monitor

- AC and DC powered versions
- 0 - 199 ppm LCD readout
- Optional remote alarm buzzer



The 85db X767 is an AC or DC powered Carbon Monoxide Monitor with LED readout for larger shops or shops that require remote alarms. These monitors provide continuous LCD digital readout of CO levels from 0 to 199 ppm and operate with the reliable Electrochemical sensor. The units give an audible and visual alarm at 10 ppm. PILOT and ALARM lights confirm normal operation or indicate a malfunction. An ALARM/SILENCE button mutes the audible alarm for 4 minutes to investigate the cause of a high CO indication and taking corrective action. 10 feet of air sample tubing connect the monitor to the filter unit.

"Guardian" 110 Volt AC Version  
Order No. X767-PLUS Sugg. List \$1499.00

"Guardian" 9 Volt DC Version  
Order No. X767-BAT Sugg.

# BODY SHOP BUSINESS

Aug/Sept 2013 / Vol. 32 No. 8

SATA Zeitschriftenverteiler • Datum *Se 23.08.13*

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Weitergabe bitte innerhalb 2 Werktagen. Bei Abwesenheit Weiterleitung an nächsten Empfänger und nach Durchlauf zurück.					

Zeitschriftenverteilerzettel Stand 07.04.13.xls - Tabelle1

## KO'ing the Competition

After achieving success in collision, Mark Cipparone is now taking on the boxing world.



# Technology Focus

## Spray Guns

### Select the Air Cap for You

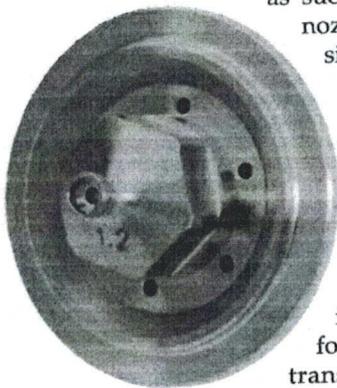
DeVilbiss spray guns come equipped with two high efficiency air caps and three tips. Depending on the package selected, painters can customize their guns to fit their needs. For instance, a painter might prefer the TE10 air cap if they're looking for lower air consumption, a softer pattern and bigger droplet sizes. Droplet size really comes into play when spraying waterborne. The air cap also works well in low-humidity/very dry areas because of the larger droplet size. Painters in Florida, where it's 100 degrees with 95 percent humidity, might have better luck with an HV30. The HV30 provides a small droplet size and will help the paint dry faster in high humidity.



### Dual Atomization

The Walcom GEO TOPLINE spray gun nozzle features a dual atomization process that guarantees a superior level of paint atomization. Double atomization happens

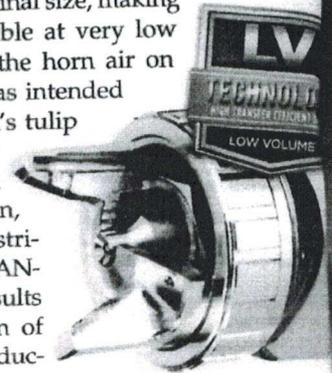
as such: the first in the six-hole nozzle goblet, the second outside the air cap, producing an environment where low air pressure (29 PSI) and reduced air consumption (9.8 CFM) are ideal for HVLP performance. This process atomizes the material to a higher degree with less pressure, which results in a more controllable fan for the technician at a higher transfer efficiency rate to the panel. Coverage is uniform due to the dual atomization process, creating a finer mist in the spray pattern and requiring less overlap to achieve even coverage of the panel.



the dual atomization process, creating a finer mist in the spray pattern and requiring less overlap to achieve even coverage of the panel.

### Genuine LV Technology

ANEST IWATA's Genuine LV Technology nozzle design allows the air stream to change direction and speed, thus colliding with the fluid stream earlier and at an oblique angle. This bursts the fluid stream to many times its original size, making complete atomization possible at very low pressure. This also allows the horn air on the air cap to do what it was intended to do: form ANEST IWATA's tulip spray pattern. Many other spray guns rely on the horn air to complete atomization, resulting in poor particle distribution and uneven patterns. ANEST IWATA's technology results in a softer spray, reduction of overspray and significant reduction in material consumption.



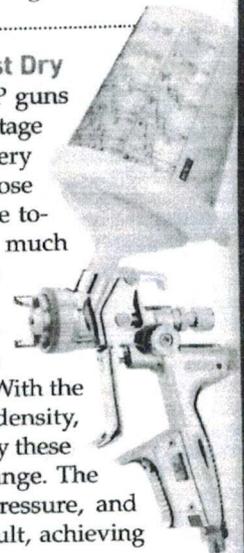
### No Readjustment Necessary

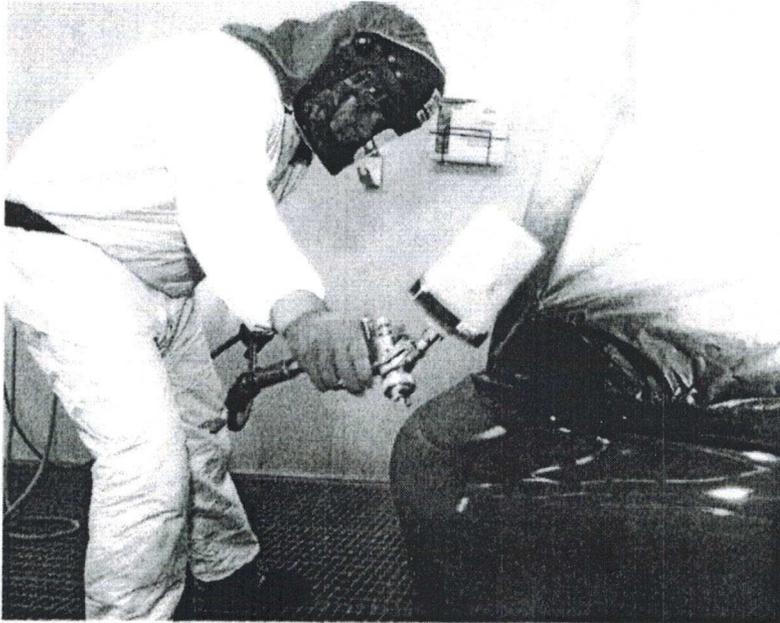
Readjusting the spray gun each time it's broken down for cleaning is a tedious and time consuming operation. The New Optima Trifinity from Motor Guard maximizes time in the spraybooth with technology called Quick-Clip. Quick-Clip is a quarter-turn bayonet-style connector on the fluid needle that allows for the removal and replacement of the needle quickly without losing your adjustment. A bayonet connector on the air cap allows for quick removal and cleaning as well.



### Close Together Droplets for Fast Dry

The SATAjet 4000 B HVLP and RP guns have the unique technological advantage of the atomization not only being very fine, but the droplets being very close together. With the droplets so close together, it helps to dry the paint much faster. There is no room for water or solvent to "lay" between the droplets, so the water or solvent is forced out faster, which speeds up flash and cure times dramatically. With the added atomization and droplet density, it's best during applications to spray these guns at around the 25 to 26 psi range. The fan will wet up nicely at that pressure, and you'll lay down a great finish result, achieving high film build with very little paint.





Spraying clearcoat on a bumper as the final step. (Photo courtesy of DuPont Performance Coatings)

■ Polypropylene (PPO).

If you're unsure whether the bumper is pre-primed, a simple scuff test with a piece of fine grit paper will let you know. Gently sand a small area and look for sanding

residue. No residue means there is no primer.

The most critical part of refinishing a non-primed plastic bumper is removing the mold release agent and other contaminants. Before any work

is performed on the bumper, it must receive a thorough cleaning. Valspar and De Beer offer several products to accomplish this task:

■ Valspar National Rule product: PR1.Q05 Plastic Cleaner

■ Valspar Low VOC Rule product: 170.G06 AquaClean Low VOC WaterBase

■ De Beer National Rule product: 1851.G00 Antistatic Degreaser

■ De Beer Low VOC Rule product: 90851.G06 WaterBase Degrease

Cleaning the bumper with a wipe-on and immediate wipe-off method, you may have to repeat the cleaning more than once. Make sure to use clean towels with each cleaning. After cleaning the bumper, wipe your hand over the surface. You should feel some drag against your hand; if not, clean again.

Scuff the bumper with 600 wet or dry paper or a gray/yellow scuff pad. Be careful not to apply too much pressure as this can cause deep scratches that a coat of sealer may



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Complete repair to wheels that are cut, scraped, scratched, peeling clear coat, or require polishing.

*Before*



*After*



### Straightening

Complete repair to wheels that are out-of-round, vibrating, or bent in the front and back

*Before*



*After*



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- ◆ No Cost to You! - Works for all major insurance companies
- ◆ Extensive inventory of OEM replacement wheels
- ◆ Off-site remanufacturing available
- ◆ Patented Repair Systems

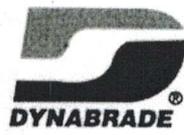


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Circle 64 for Reader Service



## Electric and Air Buffers

**7" - 8" Dia. Electric Rotary Buffer**

**Model 51580**

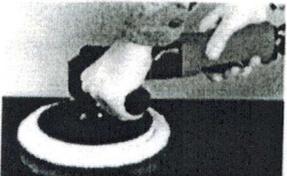
- Uses 7" to 8" dia. buffs.
- Adjustable to 3,000 RPM.



**5" - 8" Diameter Air-Powered Buffer**

**Model 18050**

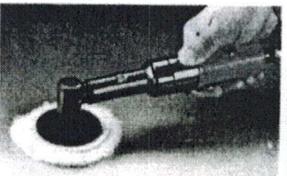
- Uses 5" to 8" dia. buffs.
- Adjustable to 2,500 RPM.



**Right Angle Air-Powered Buffer**

**Model 18055 2,400 RPM**  
**Model 18056 3,200 RPM**

- Uses 3" diameter buffs.
- Ideal for small areas.



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# 2013 COLLISION INDUSTRY PROFILES

SATA

[www.satausa.com](http://www.satausa.com)

## Best in quality, service and dependability

Dan-Am Company is the Exclusive Independent Importer and Distributor for SATA GmbH products in the USA and Puerto Rico. Dan-Am Company also sells its own brand of Dan-Am Co products such as the Dan Am Air aluminum piping system (DAA), and the DAA Vac.

The company has been importing SATA products since the early 1980's. Today the SATA line includes much of what is needed in the Auto Refinish, Architectural, Wood Coatings, Fleet, Manufacturing and Art industry painting segments. SATA provides spray guns for all market segments. This includes HVLP and RP or compliant technologies, air assisted and airless items, and robotic

and automatic guns for fleet and industrial manufacturing markets too. All the needed accessories from cleaning tools and kits, disposable RPS cups and parts

and components are all readily available through the Dan-Am Company's network of authorized distributors.

Beyond spray equipment, Dan-Am Co. also offers from SATA a complete range of high CFM air filtration units that offer "breathing quality" air for NIOSH approved hoods, and this same filtration system offers this same clean quality air for painting with today's waterborne and high solids low VOC products. These filters together with the DAA aluminum piping system offer the shops a leak-free, high CFM system that is clean and simple to plumb by professionals, or a do-it-yourselfer. A complete range of SATA high-flow HVLP fittings and couplers also complete the line.

Dan-Am Company and its representatives offer a series of classes across the country. We have trained thousands of painters on the Rule 40 6H classes, and are now approved to offer 3 I-Car classes as well. These classes can be done in a facility near you, or in Dan-

Am Company's own training center. Our classes are there to improve your efficiency, show latest in paint trends, and offer a complete cleaning and maintenance class to help keep your spray guns in perfect working order.

You can learn more about the SATA and Dan-Am Company products we offer at our website, which is [www.satausa.com](http://www.satausa.com); on our YouTube channel [www.youtube.com/SATAbyDanAmCo](http://www.youtube.com/SATAbyDanAmCo); at our Facebook page [www.Facebook.com/SATAUSA](http://www.Facebook.com/SATAUSA). More information on the DAA aluminum piping can be found also at [www.danamair.com](http://www.danamair.com).



### CONTACT INFORMATION

SATA

(800) 533-8016

[www.satausa.com](http://www.satausa.com)



SHERWIN-WILLIAMS AUTOMOTIVE FINISHES

[www.sherwin-automotive.com](http://www.sherwin-automotive.com)

## High-performance coatings, products serve variety of customers

Providing high-performance automotive, fleet and aerospace coatings, along with associated products, Sherwin-Williams Automotive Finishes (SWAF) serves a variety of customers. These include automotive collision repair facilities, dealerships, fleet owners and refinishers, production shops, auto body builders, jobber distributors, aviation MRO facilities, and original equipment manufacturers.

A total commitment to excellence in technology, products and process-driven solutions provide a competitive advantage for its results-based customers. They also benefit from company owned stores which provide product delivery and direct technical assistance. Some of the brand's leading products and services include:

- AWX Performance Plus™ Waterborne Basecoat/Clearcoat System - the industry's cutting-edge

waterborne basecoat that provides compliance without complication

- The revolutionary new HP Process™ Refinish System with Air-Dry technology that removes the need for baking to achieve a fast cure time (now as short as 15-minutes)

- Lean Stock™ inventory management system that improves product availability, performance, maximizes materials and increases manpower profitability

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# Stepping Thru New EPA Regulations for Auto Body Painting

The U.S. Environmental Protection Agency's (EPA) new NESHAP 6H rule will impact automotive body shops using paint that contains Hazardous Air Pollutants (HAPs), commonly found in most automotive paints, primers and clear coats.

The actual rule is 40 CFR 63 Subpart HHHHHH of the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources ([http://www.epa.gov/ttn/atw/area/paint\\_stripb.pdf](http://www.epa.gov/ttn/atw/area/paint_stripb.pdf)). In most cases, state environmental regulatory agencies are administering the rule for the EPA.

Initial notification forms are due by January 11, 2010 and a notification of full compliance status is due by March 11, 2011. The rule is one of many industry specific regulations for the control of hazardous air pollutant. The 6H rule – which has come to be known in the collision repair industry as the “Paint Rule” - is specific to metal and plastic surface coating operations at area sources including manufacturing and auto body. Auto body shops are not being selectively targeted but are included in a group of rules within a broad spectrum of industries.

The rule only applies if coatings contain targeted HAPs:

- Lead (Pb), (> 0.1 percent)
- Manganese (Mn), (> 1.0 percent)
- Nickel (Ni), (> 0.1 percent)
- Cadmium (Cd), (> 0.1 percent)
- Chromium (Cr), (> 0.1 percent)

The purpose of this rule is to reduce emissions of lead, nickel, cadmium, chromium and manganese. These chemicals are designated hazardous air pollutants known or suspected to cause cancer and other adverse health effects and can be found in paint used in the automotive refinishing industry.

The NESHAP 6H Rule requirements, include:

- Notification Form \_ by January 2010
- Paint booth exhaust systems implementation of 98% efficient booth filters
- Spray booths/workstations must be used
- Spray guns must be efficient types, such as HVLP
- Spray gun cleaning does not allow atomization of thinner through gun for cleaning and recommends an automated enclosed gun wash
- Painter training requires gun set-up and spray techniques training material be presented along with a hands-on requirement > by January 2011
- Final Notification of full compliance > by March 2011
- Five-year continuing education

## Step 1: Preparation

The important preparatory step to making the initial notification (to the governing state agency) that the NESHAP 6H Rule applies to your shop is to verify that your auto body shop has the appropriate state air quality permit in place. This permit is generally required to conduct a paint operation and emit air pollution in any given state. It is usually obtained at the start of operation or at such time that the shop becomes aware an air permit is required in their state.

### *Action Item:*

*Verify or obtain the appropriate state air permit for auto body painting in your state.*

## Additional Preparation (Optional)

The HAPs are listed on the Material Safety Data Sheet (MSDS) for paint used at the facility. Some paint systems are designed to be HAP-free, such as a waterborne paint system. Most auto body paints, however, contain HAPs and, having just one paint, primer or clear coat with HAPs in the shop means that the new NESHAP 6H Rule applies to the shop. The best way to verify that paint contains HAPs is to review the MSDS for all paint. If the HAP is listed on the MSDS, the paint contains HAPS above the regulatory threshold and, therefore, the rule applies to the shop.

An MSDS System is required by the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) for facilities with products that may pose a risk to employees. Setting up an MSDS system is not complicated: use a three-ring binder (**red binder** is the industry norm) to hold an inventory of all products and the corresponding MSDS for each product. Make the MSDS system available to all employees and keep it up-to-date with new product data.

### *Action Item:*

*Update or develop an MSDS System in hard copy, such as a three-ring binder, or electronic format and make it available to employees.*

## Step 2: Initial Notification Form to Governing Agency \_ by January 2010

Shops subject to the requirements of the new NESHAP 6H Rule must make Initial Notification to the local governing agency by January 10, 2010. Initial Notification Forms are available by state and are to be completed and submitted to the applicable agency or agencies by the deadline. (Some states require the form to be submitted to the state Air Quality Division and the Regional EPA Office.)

The information on locations and resources such as compliance workshops and state-specific fact sheets are developing quickly. The CCAR-GreenLink "Paint Rule page [ is being updated frequently, so continue to check back throughout the process of becoming compliant. This process culminates with the Final Notification due March 11, 2011, after having met all requirements.

*Action Item:*  
*Make Initial Notification to the applicable agency or agencies by January 11, 2010.*

## Auto Body Shops are Subject to the Requirements of the 6H Rule

Metal/plastic surface coating operations at area sources, such as manufacturers and auto body shops, are subject to the requirements of the new 6H Rule. There is no "grandfather clause" in the rule.

Both new and existing sources that paint vehicles or vehicles parts are subject to the rule. "New and Existing Sources" are defined terms with the EPA with regard to the NESHAP standards.

### Definitions: New and Existing Sources

*New Source = Began construction of source after September 17, 2007 or equipped facility was not previously engaged in surface coating or Facility is reconstructed.*

*Existing Source = Not a New Source*

There are some exceptions for spray activity, and these activities are not governed by the 6H Rule. (Smaller shops may not be subject to the rule if only the exempt activity is performed at the shop.)

Activities NOT subject to the rule:

- Spray applied applications using a hand-held device with a cup capacity of no more than 3.0 fluid ounces
- Powder coating
- Hand-held, non-refillable aerosol containers
- Non-atomizing technology
  - Brushes, rollers, hand wiping
  - Coating techniques – flow, dip, electrode position, web, coil
  - Touch up markers or marking pens

- Thermal spray operations using solid metallic or non-metallic materials
- Painting performed for facility maintenance

Even if the shop is not exempt from the rule, these activities may be performed outside of the paint booth.

This may be important information for shops that do work outside of a three- or four-walled spray booth. Shops with limited resources or small volume may want to preferentially choose an exempt practice in lieu of adding another paint booth for spray work.

## Paint Booth Exhaust Systems Must Use 98% Efficient Booth Filters

Filter system must have a 98% collection efficiency, using vendor provided test data

or

Water wash spray booths must be operated to manufacturer's specs.



## Spray Booths and/or WorkStations MUST BE USED and Meet Set Standards

*Spray booths or workstations for complete motor vehicles or mobile equipment must:*

- Have full roof and four walls or side curtains, and operate at negative pressure; or
- Have an automatic pressure balancing system operated at or up to 0.05 inches water gauge positive pressure.

*Spray booths or workstations for vehicle subassemblies (that means parts):*

- Must have full roof, at least three complete walls or side curtains, and ventilated so air is drawn into the booth; and
- May have openings in the roof and walls for conveyors.

## Spray Gun Requirements for Reduced Air Emissions

Inventory and verify all paint guns used at the facility meet the transfer efficiency standards. Spray-applied coatings must be applied with one of the following gun technologies:

- High volume, low pressure (HVLP)
- Electrostatic
- Airless
- Air-assisted airless
- Written approval for other spray technology demonstrated to achieve equivalent transfer efficiency



## Spray Gun Cleaning Operations

- *No atomization of solvent through spray gun for cleaning purposes*

- *Implement healthy gun cleaning practices*

Atomization of cleaning solvent through the paint gun (even in the paint booth) is not allowed for cleaning purposes. Invest in a fully enclosed automatic gun wash system as the best management practice to protect employee health. Acceptable options include:

- Hand cleaning of disassembled gun
- Flush gun with solvent, with gun configured so solvent is not atomized
- Use fully enclosed gun cleaner
- Combination of non-atomizing methods



## Painter Training Required

Train all personnel who spray coatings, including contractors, on the efficient spray techniques and proper gun set up to minimize paint usage and corresponding air emissions of HAPs. This step is

proven to be the best money saving technique by reducing paint usage or more specifically increasing the transfer efficiency. Trained painters use less paint and acquire the skill to mix the appropriate amount of paint by being more consistent painters, thus reducing over-mixing waste.

Initial training for new facilities must be conducted within 180 days of hire date. Existing facilities must complete training within 180 days of hire date or January 10, 2011, whichever is later. (This compliance date is three month prior to the final notification deadline.)

Training opportunities are expected to become widely available through community colleges, paint or equipment suppliers, consultants and technical assistance groups. All personnel, including contractors, who spray apply coatings must be certified as completing training in:

- Spray gun equipment selection, set up, and operation
- Best spray technique for different types of coatings to improve transfer efficiency and minimize overspray and must include hands-on experiential training
- Routine booth and filter maintenance, filter selection and installation
- Compliance with requirements of the NESHAP

## Final Notification of Full Compliance > by March 2011

Shops subject to the requirements of the NESHAP 6H Rule must make Final Notification to the local governing agency by March 11, 2011. Final Notification Forms are available by state and are to be completed and submitted to the same agency or agencies that received the Initial Notification Form by the deadline. The process of becoming compliant culminates in the Final Notification after having met all requirements.

## Five-Year Continuing Education

Refresher training, at least once every five years, is required for all employees conducting spray application. The training is specific to the painter and will stay with the painter, as each individual professional is required to be trained on proper gun set-up and spray techniques to reduce paint usage.

Article by: Sue Schauls, CCAR Technical Advisor

For More Information

EPA Collision Repair Campaign web site: <http://www.epa.gov/collisionrepair/>

CCAR-GreenLink "Paint Rule" page: <http://www.ccar-greenlink.org/paintrule.html>

E-mail your questions to: [paintrule@ccar-greenlink.org](mailto:paintrule@ccar-greenlink.org)



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## Body Refinishing 6H Checklist

Client Name \_\_\_\_\_

### Initial Notification (6H00) Due: January 11, 2010\*

Completed and sent the form via Registered Mail?  
Did NOT sign form unless New or Compliant?  
Keep Copies in Yellow Box 6H Folder?

#### Completed?

Yes / No / NA  
Yes / No / NA  
Yes / No / NA

#### Comments

### Painter Training (6H01) Due: January 10, 2011\*

Completed by ALL Painters?  
Renewed every 5 years?  
New Painters trained within 180 days of hire?

#### Completed?

Yes / No / NA  
Yes / No / NA  
Yes / No / NA

#### Comments

### Spray Gun Selection (6H02) Due: January 10, 2011\*

Are the Spray Guns marked as HVLP?  
If not, are they using airless, air-assisted or electrostatic?  
If not, do they have documentation of EPA approval?

#### Completed?

Yes / No / NA  
Yes / No / NA  
Yes / No / NA

#### Comments

### Spray Gun Cleaning (6H03) Due: January 10, 2011\*

Is sprayed solvent mist contained and collected?

#### Completed?

Yes / No / NA

#### Comments

### Spray Booths/WorkStations(6H04) Due: January 10, 2011\*

Is ALL spraying done in an enclosure?  
Is the enclosure ventilated?  
Do the filters have a 98% efficiency rating?  
Are complete vehicles done in 4 sided and roofed enclosures?  
Are parts done in at least 3 sided and roofed enclosures?  
Do pressurized paint booths have an auto balancing feature to .05"WC

#### Completed?

Yes / No / NA  
Yes / No / NA

#### Comments

### Re-Notification (6H05) Due: March 11, 2011\*

Has the notification been sent in again via registered mail?  
With a Signature to certify they are in compliance?  
Keep Copies in Yellow Box 6H Folder?

#### Completed?

Yes / No / NA  
Yes / No / NA  
Yes / No / NA

#### Comments

### Annual Notification of Changes (6H05) Due: March 1 of the following year.

#### If changes from previous notification have occurred:

Has the notification been sent in again via registered mail?  
With a Signature to certify they are in compliance?  
Keep Copies in Yellow Box 6H Folder?

#### Completed?

Yes / No / NA  
Yes / No / NA  
Yes / No / NA

#### Comments

### Record Keeping (6H06) Due: As above items are completed.

#### All of the following should be kept on file in the Yellow Box:

Copies of all notifications?  
All signed receipts from the postal service?  
Painter Training Certifications?  
Documentation of filter efficiency?  
If needed, documentation of spray gun approval?  
Records of any deviations from requirements in the rule?  
(Including date, time, description and corrective actions taken)?

#### Completed?

Yes / No / NA  
Yes / No / NA

#### Comments

### Other Prep and Compliance Issues to Check

Verify Shop has appropriate State Air Quality permit for Auto Body painting  
Verify Shop has Updated or Developed Hard Copy MSDS System available to employees

\* Facilities installing new paint spray equipment after September 17, 2007 are considered "new facilities" and should already be in compliance.



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## Ask the Expert Question-and-Answer Archive

by Ron Joseph

July, 2004

### ***Setting Up HVLP Spray Gun for Compliance***

**Q. Each gun is different and seems to have its own apparatus to be used to measure the air pressure at the paint gun cap and determine if it meets the EPA's definition of an HVLP gun (i.e., air pressure of 10 psi or less at the cap).**

**Question #1: Is there a standard operating procedure on how to perform this test? There does not seem to be any manufacturer's data suggesting how exactly the test is to be performed to insure an accurate result. Most just state that you need to set up the spray system and then remove your usual cap and place test cap on the gun.**

**Question #2: Do you spray paint through the nozzle when performing this test or are you supposed to measure the pressure with no paint for atomization?**

A. You are correct in stating that there is no standard procedure for measuring the atomizing air pressure at the cap of an HVLP spray gun. Perhaps the South Coast AQMD. has such a procedure, but I have not seen it.

This is the procedure that I follow: I ask a painter to set up a spray gun exactly as if he were to spray paint at that particular time. Once he has established his fluid pressure, atomizing air pressure and fan size I then asked him to remove his working cap and replace it with the test cap. When he pulls the trigger of the HVLP sprayer the pressure gauge must read less than 10 psig otherwise he is in violation of the regulation.

If you would like to set up a procedure for your shop you might have painters setup their spray guns for a typical painting operation at Gulfstream. After they have set up the guns and are ready to do the job that is the time to replace the working cap with the test can.

If an inspector were to visit your facility bear in mind that in all probability he/she has no idea how the procedure should be performed, but if you show him/her the method you use I expect that the inspector will be quite happy.

The most important thing is for your painters to know that an HVLP spray gun can easily be out of compliance and that the painters must take special care not to turn up the atomizing air pressure too high.

When you test the pressure reading you are not obligated to spray paint through the nozzle, but if I were an inspector I would want to be absolutely sure that you have set up the gun as if you were going to spray the paint.

I hope this answers your questions.

Best wishes,

Ron Joseph