



ANEST IWATA
PAINT COATING EQUIPMENT

SPRAY GUNS & ACCESSORIES **for Automotive Refinish**



www.anest-iwatasoutheastasia.com

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Automotive Refinish catalogue



BRASIL : ANEST IWATA DO BRASIL CONSULTORIA TECNICA LTDA.

PICTURE INDEX



Ø mm

Nozzle orifice



MPa

Air pressure



ℓ/min

Air consumption



mℓ/min

Fluid output



ℓ/min

Delivery/cycle



cycles/min

No. of cycle per minute



ℓ/min

Max fluid delivery



mesh

Suction filter



mm

Pattern width



No.

Air cap set



bar

Max. fluid pressure atomize



n:n

Pressure ratio



MPa

Max. fluid pressure



mesh

Suction filter



g

Weight



H.V.

Gun outlet voltage



L.V.

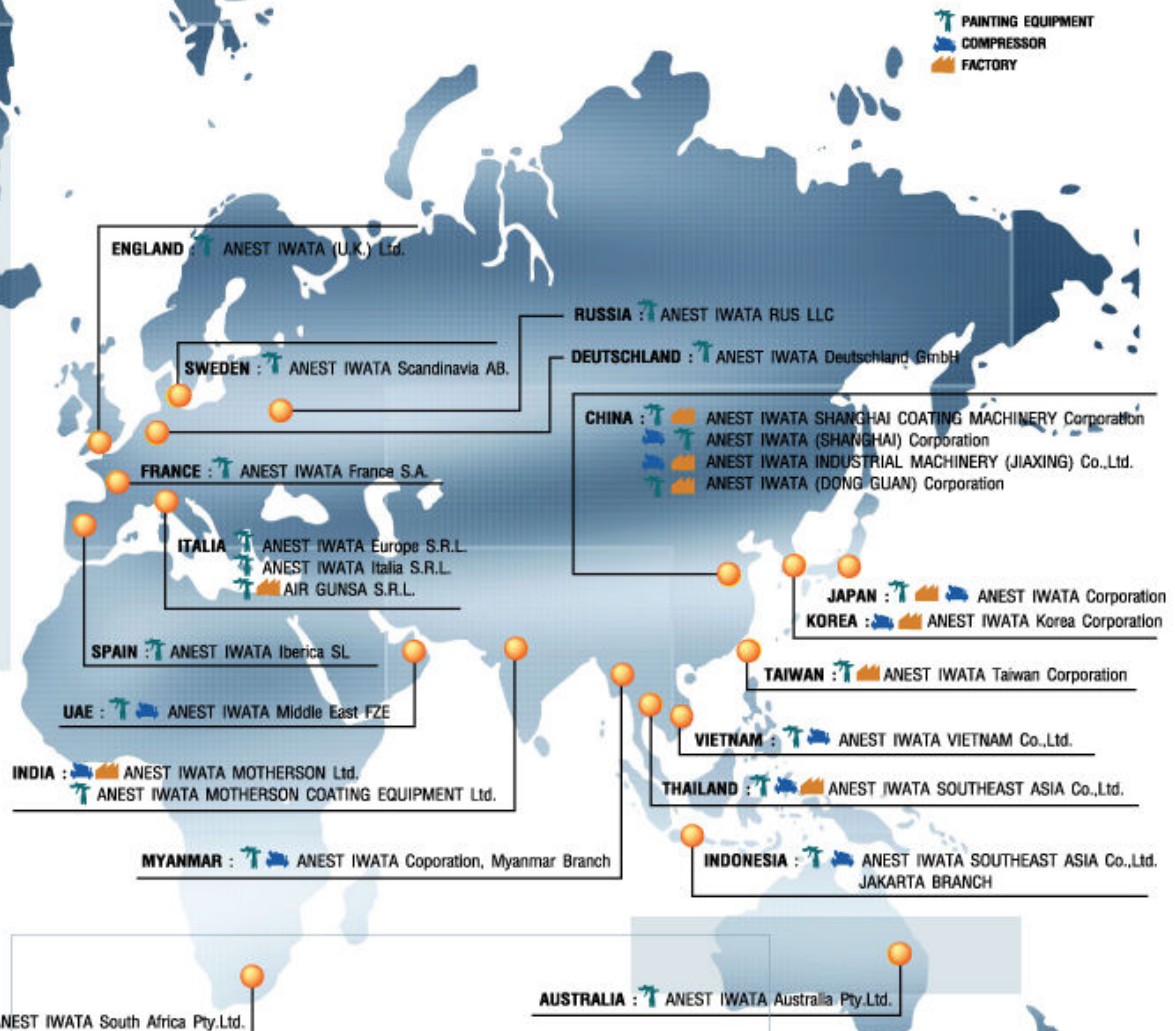
Gun inlet volgate



m

Hose length

RELATED COMPANIES THROUGHOUT THE WORLD



OUTLINE OF COMPANY

Coporate name
Head office, factory
President
Founded
Incorporated
Capital
Number of authorized shares
Number of issued shares
No. of stockholders
End of fiscal year
Listed securities exchange
Lines of business

ANEST IWATA Corporation
 3176, Shinyoshida-cho, Kohoku-ku, Yokohama 223-8501, Japan
 Takahiro Tsubota
 May, 1926
 June, 1948
 Y3,354 million (as of March, 2003)
 200,000,000
 50,207,000
 5,192 (as of March, 2003)
 March 31st
 First section, Tokyo Stock Exchange
 Manufacturing and selling air compressors, air pressure equipment and air driven equipment
 Manufacturing and selling vacuum equipment and systems
 Manufacturing and selling painting equipment
 Manufacturing and selling painting process systems and installation
 Manufacturing and selling liquid application equipment and systems
 Developing, designing, installation and consultancy of the above products; selling technology and knowhow of the above
 Business related to the above

SPRAY GUN MATRIX

Car Refinish

Spray gun model

Clear coat



WS-400

W-400WB

W-400

Base coat



WS-400

LS-400

W-400WB

W-400

W-101

Primer coat



W-400

W-101

Spot repair



LPH-50

LPH-80

WS-400



WS-400

Large and medium areas
WS-400 Gravity

Design

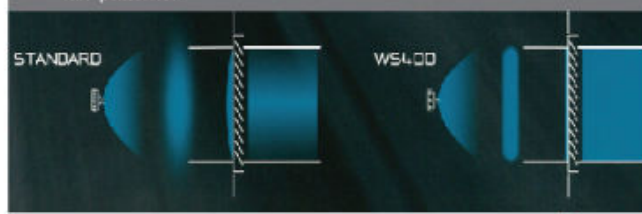
PININFARINA, the Italian design house renowned for some of history's top car designs, has worked closely with ANEST IWATA that combines elegance with the ultimate in spray gun design.

Ergonomics

An in depth study by the UNIVERSITY of PAVIA, into perfect balance and optimal ergonomics, has been closely considered by PININFARINA designers and ANEST IWATA engineers to produce this state of the art spray gun.

Performance

The SUPERNOVA delivers a consistent droplet size when atomizing which, when combined with its flat and even fan pattern, helps reduce common issues such as boil and pin holing on HS clear coats. These problems occur as a result of too much clear coat in one area, caused by centre heavy fan patterns.



Air cap : Easy to screw and unscrew with wider threads, shorten maintenance time.

Model	Ø mm	MPa	ℓ/min	ml/min	mm	mm	No.	g	Remark Set item		
WS-400-1301B	1.3	0.2	370	140	260	365	01	645	Paint cup (PC-G600P-2) Spanner		
WS-400-1301C	1.3			170						260	365
WS-400-1401B	1.4			170						260	365
WS-400-1401C	1.4			190						260	370
WS-400-1301B-S1	1.3	0.2	370	140	260	365	01	645	Paint cup (PC-G600P-2) Pressure gauge (AJR-02S-VG) Spanner		
WS-400-1301C-S1	1.3			170						260	365
WS-400-1401B-S1	1.4			170						260	365
WS-400-1401C-S1	1.4			190						260	370
WS-400-1301BH	1.3	0.2	370	220	265	365	01	645	* High delivery model Paint cup(PC-G600P-2) Spanner		
WS-400-1301CH	1.3			220						265	365
WS-400-1401BH	1.4			240						270	370
WS-400-1401CH	1.4			240						270	370
WS-400-1501BH	1.5	0.2	370	260	275	370	01	645	* High delivery model Paint cup (PC-G600P-2) Pressure gauge (AJR-02S-VG) Spanner		
WS-400-1501CH	1.5			260						275	370
WS-400-1301BHS1	1.3			220						265	365
WS-400-1301CHS1	1.3			220						265	365
WS-400-1401BHS1	1.4	0.2	370	240	270	370	01	645	Paint cup (PC-G600P-2) Pressure gauge (AJR-02S-VG) Spanner		
WS-400-1401CHS1	1.4			240						270	370
WS-400-1501BHS1	1.5			260						275	370
WS-400-1501CHS1	1.5			260						275	370

LS-400

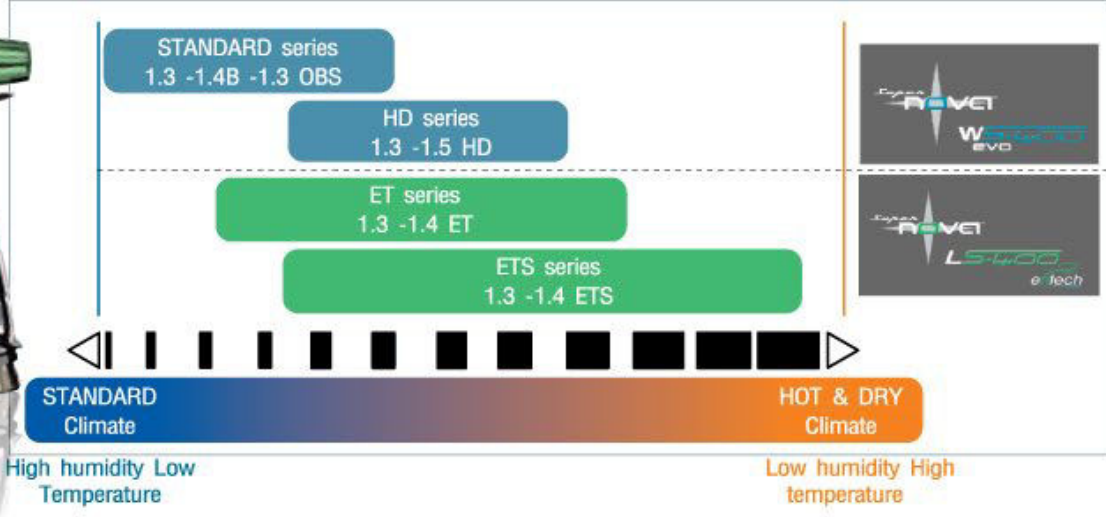
Environment first Entech HVLP



Countries where 0.7 bar (10 psi) inside air cap is mandatory, users with environment and green economy in mind will appreciate new Supernova Entech spray gun : new design unique, ANEST IWATA pre-atomization nozzle technology which we call SPLIT NOZZLETM, is able to deliver flat and thin large and optimized wet controlled spray pattern. The air cap/nozzle sets for Dry and Wet weather conditions allows the use in each environmental and temperature conditions.

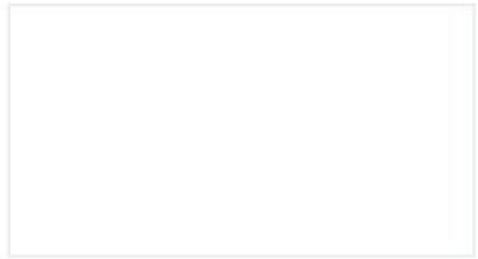


Supernova series application and climate chart




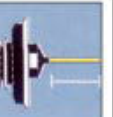





Model	Ø mm	MPa	ℓ/min	mℓ/min	Min	Max	Max	No.	g	Type of application
LS-400-1305-S1	ET 1.3	1.8	400	160	250	350	-	LS-400-05	695 with cup	Standard application
LS-400-1405-S1	ET 1.4			170						
LS-400-ETS13-S1	ET 1.3		420	160	235	310	400		475 without cup	Wetter & Longer spray distance application
LS-400-ETS14-S1	ET 1.5			180			410			

- Max. working pressure : 7.0 bar
- Temperature range : 5-40°C
- Air nipple : G1/4" M
- Fluid nipple : G1/4" F



Waterborne paint SPRAY GUN

Model	 Ø mm	 MPa	 ℓ/min	 ml/min	 mm	 No.	 g
W-400WB-132G	1.3	0.18	390	140	300	WB2	380
W-400WB-142G	1.4	0.18	390	160	300	WB2	380

- Spray distance 200 mm
- Paint viscosity : 22 sec. (20 sec/NK-2)
- As for W-400 WB/WBX, fluid nipple M16 x 15 (M), air nipple G1/4. As for W-300WB fluid nipple G1/4 (F), air nipple G1/4
- Noise level (LAeqT) 76.0 db(A)



W-400WB

Features :

1. Fluid nozzle design

The patented concave and slit design fluid nozzle can help to create a fine and even atomization with lower air pressure and air consumption for water borne paint which have higher viscosity.

2. Special air cap

The specially designed air cap for specific water borne paint can create a thin and even pattern.

3. Global recommendation

These spray guns are recommended by leading paint manufacturers throughout the world as the designated spray gun for their water borne paint.



Fluid Nozzle Mechanism

W-400WB






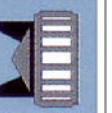

Gravity feed

PCG-6P-M cup (option)



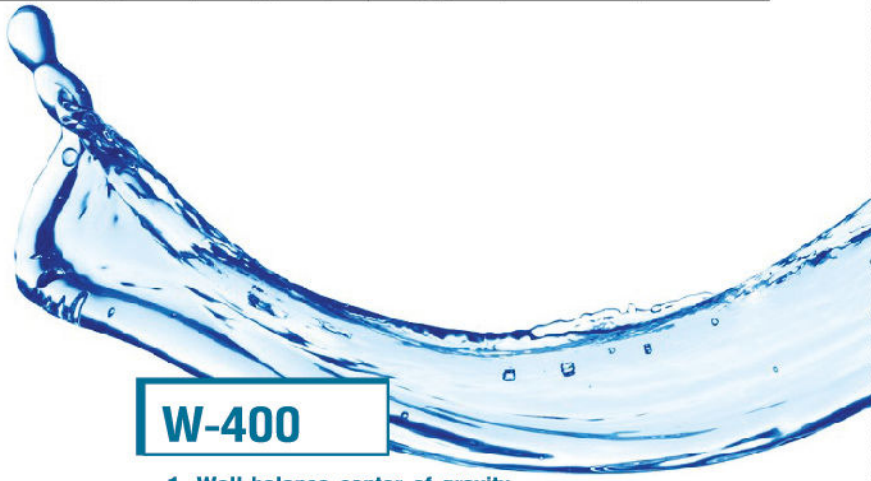
CENTER CUP GRAVITY FEED SPRAY GUN

W-400 Model

Model	 Ø mm	 MPa	 l/min	 ml/min	 mm	 No.	 g	
W-400-132G	1.3	0.20	280	160	Spray distance 250 mm	260	380	
		0.29	370	200		300		
W-400-142G	1.4	0.20	280	210		280		LV2
		0.29	370	265		320		
W-400-162G	1.6	0.20	280	240		300		LV2
		0.29	370	310		340		
W-400-182G	1.8	0.20	290	320		280		LV2
		0.29	380	400		320		

■ Paint viscosity : 22 sec. (20 sec/NK-2).

■ As for W-400, fluid nipple : M16 x 1.5 (M), air nipple : G1/4.



W-400

1. Well-balance center of gravity

- As cup is situated at the top of spray gun, well-balanced center of gravity assures good fit to human hand.
- Total weight is 15% lighter than previous models.

2. With well-dispersed mist, spray pattern is flat and thin

- You can get uniform film of water borne or high-solid paints which have been considered difficult to paint up to now.

3. Environment-friendly spray gun

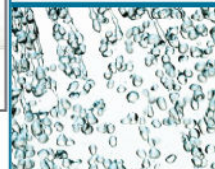
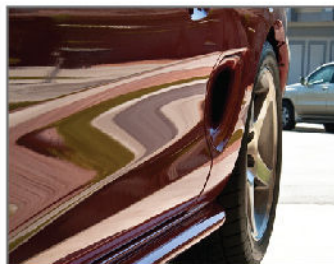
- W-400 has achieved high transfer efficiency despite being general purpose guns since atomizing air pressure (at gun handle) has been reduced by 0.05 ~ 0.15 MPa compared to previous models.

4. Fluid filter is fitted as standard accessory.

- 60 mesh filter prevents dust.

General purpose

W-400 gravity feed PCG-6P-M cup (option)



COMPACT SPRAY GUN

W-101 Series




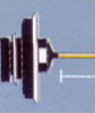



W-101

Lower atomizing air pressure coupled with high atomization

We have reduced both overspray and triggering load by reducing atomizing air pressure (at gun handle) by 0.05 MPa. Atomization effect is better than previous model.



W-101-G Series

Model	 Ø mm	 MPa	 ℓ/min	 ml/min	 mm	 No.	 g	
W-101-101G	1.0	0.24	75	95	spray distance 200 mm	E1	295	
W-101-131G	1.3		145	160		K1		
W-101-132G	1.3		225	160		H2		
W-101-134G	1.3	0.20	210	155*		205*		H4
		0.24	250	170		220		H2
W-101-152G	1.5	0.24	225	190		190		

***Three kinds of air cap sets are prepared for W-101 type 1.3 mm spray gun.**

W-101-131S/G

Thicker film in the center of pattern and thinner on both ends.

W-101-132S/G




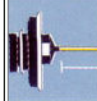

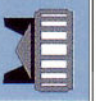

Film is more uniform and thinner on the whole.

W-101-134S/G

Suitable for overlapping spray several times. A wide pattern of high atomization, uniform mist dispersion and film thickness even at a short spray distance.

kiwami Series

low emission single-component paint




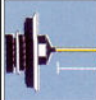



Model				Adjust knob Rotation					REMARK Set item
	Ø mm	MPa	ℓ/min		mℓ/min	mm	No.	g	
W101-138BGC	1.3	0.20	230	2.5 rotations(Regulaly)	150	220	B8	295	Paint cup(PC-400S-2LF) Spanner
				6 rotations(Max)	185	260			
W101-148BGC	1.4	0.20	230	2.5 rotations(Regulaly)	160	225	B8	295	Paint cup(PC-400S-2LF) Spanner
				6 rotations(Max)	200	275			

- Spray distance is 200 mm
- Paint viscosity is 12 sec. (12sec/NK-2)
- Fluid nipple G1/4 (female), Air nipple G1/4



Optimized 'kiwami series model by paint manufacture.








Nozzle chart of Kansai Paint

Model				Adjust knob Rotation				
	Ø mm	MPa	ℓ/min		mℓ/min	mm	No.	g
W101-136KPGC	1.3	0.2	200	3 turns (usual)	140	220	KP5	295
				6 turn (full open)	165	240		
W101-146KPGC	1.4	0.2	200	3 turns (usual)	150	225	KP5	295
				6 turn (full open)	170	245		

- Spray distance is 200 mm
- Paint viscosity is 12 sec. (12sec/NK-2)
- Fluid nipple G1/4 (female), Air nipple G1/4



Nozzle chart of Nippon Paint

Model				Adjust knob Rotation				
	Ø mm	MPa	ℓ/min		mℓ/min	mm	No.	g
W101-136NPGC	1.3	0.15	160	3 turns (usual)	115	220	KP5	295
						240		
W101-146NPGC	1.4	0.15	160	6 turn (full open)	120	225	KP5	295
						245		




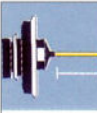

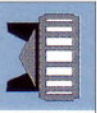

- Spray distance is 150 mm
- Paint viscosity is 11 sec. (12sec/NK-2)
- Fluid nipple G1/4 (female), Air nipple G1/4



Spray gun for spot repair

LOW PRESSURE SPRAY GUN

Ultra small type

Type	Model	 Ø mm	 MPa	 ℓ/min	 ml/min	 mm	 No.	 g
ultra small type	LPH-50-042G	0.4	0.09	50	8	100 mm	E2	220
	LPH-50-062G	0.6			25			
	LPH-50-102G	1.0			55			
ultra small type center gravity cup type	LPH-80-044G	0.4	0.09	50	10	150 mm	E4	205
	LPH-80-064G	0.6			30			
	LPH-80-084G	0.8			45			
	LPH-80-104G	1.0			60			
	LPH-80-124G	1.2			75			

- Paint viscosity : 22 sec. (20 sec/NK-2)
- Air nipple : G1/4, fluid nipple G1/4

LPH-50

Gravity feed type LPH-50 (Side cup)

- for automobile refinishing applications
- Most suitable for touch-ups or shading with small fluid output, low pressure, and low air volume. Little overspray improves paint efficiency.
Little overspray and bounceback contribute to health protection of painters.



LPH-50

LPH-80

Gravity feed type LPH-80 (Center cup)

Well-balanced center of gravity
Well-dispersed mist, spray pattern is flat and thin



LPH-80



Paint cup, Containers



PC-5



PC-51



PCG-2D-1



PCG-6P-M

Free-angle cup

PC-400SB-2LF (stainless)
 PC-400AB-2LF (Aluminum)
 PC-250SB-2LF (Stainless)
 PC-150SB-2LF (Stainless)



Model	Capacity (ml)	Mass (g)	Connection	Applicable spray gun
Gravity feed cup (Side)				
PC-4S	400	168	G1/4 (PF1/4) (female)	W-50, -101, LPH-50
PC-400AB-2LF	400	125	G1/4 (PF1/4) (female)	W-50, -101, LPH-50 free-angle aluminum cup
PC-400SB-2LF	400	210	G1/4 (PF1/4) (female)	W-101 free-angle stainless steel cup
PC-250SB-2LF	220	160	G1/4 (PF1/4) (female)	W-101, LPH-50 free-angle stainless steel cup
PC-150SB-2LF	130	135	G1/4 (PF1/4) (female)	W-101, LPH-50 free-angle stainless steel cup
PC-5	250	135	G1/4 (PF1/4) (female)	W-101, LPH-50
PC-51	220	126	G1/4 (PF1/4) (female)	W-101, LPH-50 stainless steel cup
PC-61	130	110	G1/4 (PF1/4) (female)	W-101, LPH-50 stainless steel cup
Gravity feed cup (Center)				
PCG-6P-M	600	160	M16 X 1.5 (female)	W-400 plastic cup
PCG-2D-1	150	100	G1/8 (PF1/8) (male)	LPH-80 aluminum cup
PCG-600P-2	600	220	G1/4 (PF1/4) (male)	WS-400, LS-400 plastic cup

Aqua Dry Gun

Most suitable for water-based paints which dry slowly.
 It can be used to dry solvent-based paints.
 Plastic grip is suitable for Anest Iwata spray guns with soft texture.



ADG-1BV

Model	Max. Air pressure	STD. inlet Air pressure	Air consumption	Noise level	Operating Air temperature
ADG-1BV	0.68 Mpa	0.1 Mpa	390 L/min	78 dB(A)	5-43°C

Aqua Dry Gun and Holder Unit

Two Aqua Dry Guns can be fixed on the holder. Unit contents

Product Code : ADGS-1UB

Fixable range Height : 0-2000 mm

Angle : 0-360°

1. Holder set x 1 set
2. Aqua Dry Gun x 2 set
3. Air hose x 2 set
4. Quick Joint x 2 set



Local pressure gauge

Compact and light valve can make spray man handle spray gun easy

Model : AJR-02S-VG, Mass : 120g

Conection : air nipple G1/4



Aqua Gun Holder for Center Cup Gravity Feed Spray Guns

Can be installed anywhere since it is equipped with pedestal.

Can be installed with air hose attached for use with wall-mounting type.

Applicable spray guns : W-400 / W-400WB

Model : GH-WH-02

Mass : 510 g



Air duster

Model	Fluid nozzle	Atomizing	Air consumption	mass	Connection	Usage
	orifice (fmm)	air pressure (Mpa)	l/min	g		
AG-6	1.7	0.34	105	185	G1/4 (PF1/4)	For blowing off dust , sludge , etc.

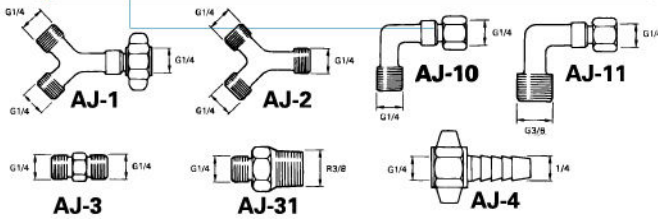
Air Transformer

Model	RR-A	RR-AS
Type	One side controll type	Two side controll type
Max inlet pressure	1.0 Mpa	
Secondary pressure range (Mpa)	0.05 ~ 0.78 Mpa	
Air flow (l/min)	780 l/min	
Max operating temperature (°C)	80 °C	
Air inlet	G3/8B (PF3/8male)	
Paint outlet	G1/4 (PF1/4male) x 2	
Filter	20 µm	
Drain system	manual	
Remarks	At secondary pressure of 0.49MPa , pressure drop is 0.03Mpa.	

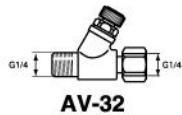


JOINTS, HOSES

Air joint

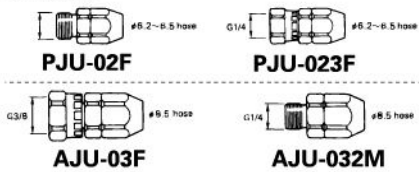


Air valve

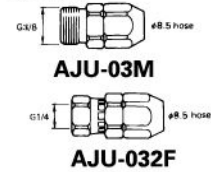


Joint for urethane air hose

for EAHU-6

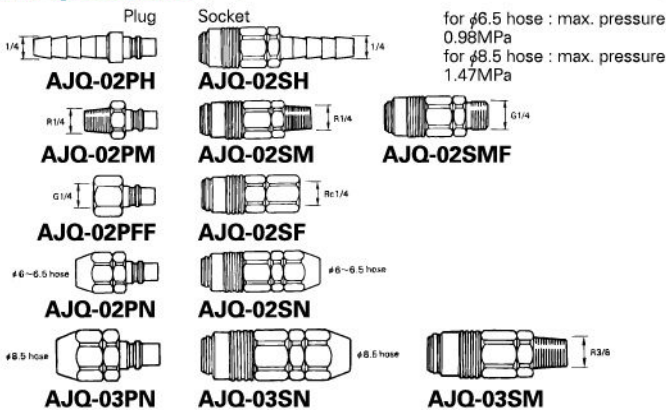


for AHU-8



*Joint for previous urethane air hose (AHU-6) are AJU-02F and AJU-02M.

Air quick joint ※2



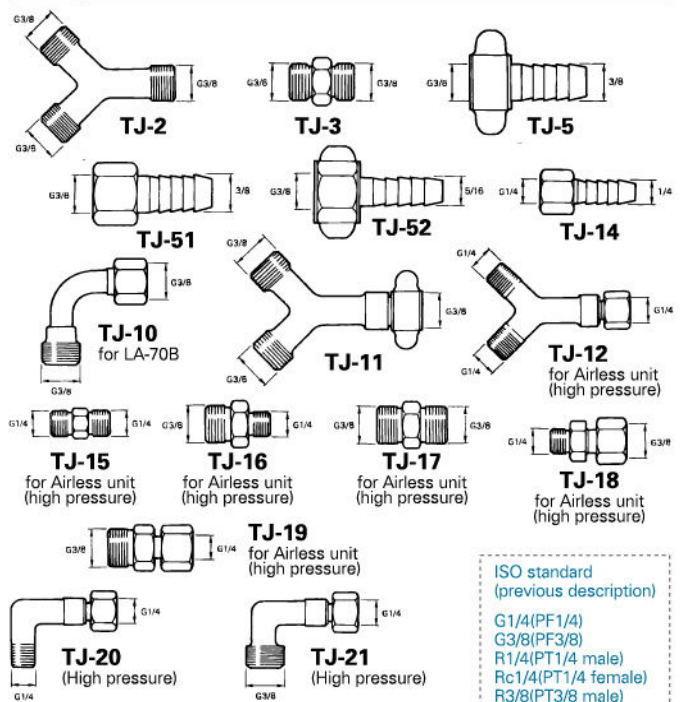
※1 ● For exclusive use as an air hose. DO NOT USE AS A FLUID HOSE
● When you do not use the grounding wire, do not take it out. But be sure to distinguish clearly between a hose which uses a grounding wire and one which does not use, in order to avoid wrong usage.

Air house ※2

Model	Material	Inner dia. × outer dia. × length	Max. operating pressure
EAHU-620	Urethane with built-in grounding wire	$\phi 6.2 \times \phi 9.3 \times 20\text{m}$	1.47MPa
EAHU-630		$\phi 6.2 \times \phi 9.3 \times 30\text{m}$	
EAHU-650		$\phi 6.2 \times \phi 9.3 \times 50\text{m}$	
EAHU-6100		$\phi 6.2 \times \phi 9.3 \times 100\text{m}$	
EAHU-820		$\phi 8.5 \times \phi 12 \times 20\text{m}$	
EAHU-8100	Urethane	$\phi 8.5 \times \phi 12 \times 100\text{m}$	1.47MPa
AHU-820 _B		$\phi 8.5 \times \phi 12 \times 20\text{m}$	
AHU-830 _B		$\phi 8.5 \times \phi 12 \times 30\text{m}$	
AHU-850 _B		$\phi 8.5 \times \phi 12 \times 50\text{m}$	
AHU-8100 _B		$\phi 8.5 \times \phi 12 \times 100\text{m}$	

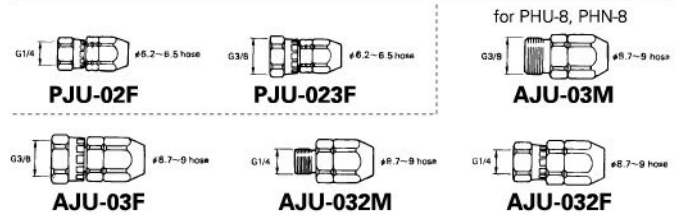
⚠ Caution : Caution: Handling of air hose with the grounded wire ※2
 ● Connecting equipment must be grounded since this hose has a built-in grounded wire.
 ● Whether or not you use the grounded wire, never use this hose as an air hose to supply air to electrostatic spray equipment or isolation stand when you use low resistance paint. In such a case, use an urethane air hose (AHU-8) or fluid hose (PHU, PHN) as air hose.
 ● When you use the grounded wire, refer to the electrostatic spray equipment instruction manual and periodically check its conductivity. Never use a hose which has deteriorated or is cut.
 ● Never use this air hose as a fluid hose.
 ● When you do not use the grounded wire, do not take it out. But be sure to distinguish clearly between a hose which uses a grounded wire and one which does not use, in order to avoid wrong usage.

Fluid joint

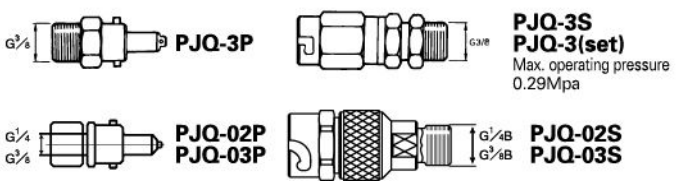


ISO standard (previous description)
 G1/4(PF1/4)
 G3/8(PF3/8)
 R1/4(PT1/4 male)
 Rc1/4(PT1/4 female)
 R3/8(PT3/8 male)

Joint for fluid hose



Fluid quick joint



Fluid hose ※3

Model	Material	Inner dia. × outer dia. × length	Max. operating pressure
PHU-620	Urethane	$\phi 6.2 \times \phi 9.3 \times 20\text{m}$	0.69MPa
PHU-6100		$\phi 6.2 \times \phi 9.3 \times 20\text{m}$	
PHU-820		$\phi 8.7 \times \phi 12 \times 20\text{m}$	
PHU-8100		$\phi 8.7 \times \phi 12 \times 20\text{m}$	
PHN-620		Nylon	
PHN-6100	$\phi 6.5 \times \phi 9.5 \times 100\text{m}$		
PHN-820	$\phi 8.9 \times \phi 12.1 \times 20\text{m}$		
PHN-8100	$\phi 8.9 \times \phi 12.1 \times 100\text{m}$		
THU-620	Urethane (twin)		$\phi 6.2 \times \phi 9.3 \times 2 \times 20\text{m}$
THU-6100		$\phi 6.2 \times \phi 9.3 \times 2 \times 100\text{m}$	

*Air hose side of THU-6 twin hose includes an orange string and the model's name.

⚠ Caution : Selection of fluid hose ※3
 ● Do not use urethane hoses (PHU, THU) when you use ketonic solvents, two-component paints, urethane paints and thinners which easily dissolve or react since urethane hoses will crack and paint will fly. In such a case, use nylon fluid hose (PHN).

Spray Gun Maintenance

CLEANING PROCEDURE AFTER USE



1. Drain remaining paint into a container.



2. Pour cleaning thinner into the cup



3. Wash cup's inside with the exclusive brush that enclosed with the spray gun



4. Spray the thinner in front of a spraying booth. Repeat about 3 times.



5. Clean the outside of the cup and the spray gun with waste clothes moistened with cleaning thinner



6. Remove the air cap and wash it with the exclusive brush



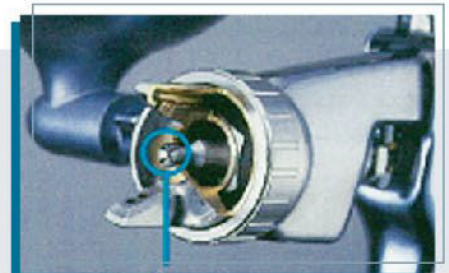
7. Remove the fluid nozzle with a 17mm box end wrench and wash it with the exclusive brush



Carefully clean the tip of the nozzle



8. Wash the needle if it is not clean



9. Make sure the nozzle tip is clean



If there's remaining paint on the nozzle tip, it will cause fan pattern defects.

RECOMMENDATION NOZZLE CHART



TYPE	PRODUCT	Model																
		LS-400			WS-400			W 400 WB2			W 400 LV2			LPH80				
		Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure		
PRIMER & PRIMER SURFACER	131SR 1K Acrylic Laquer Primer Surfacer												162G	1.6	2.5-3.0 bar			
	825R Wash Primer												162G	1.6	2.5-3.0 bar			
	840R Epoxy Primer												162G	1.6	2.5-3.0 bar			
	1040R 2K (Primer Surfacer)												162G	1.6	2.5-3.0 bar			
	LE 2001/LE 2004 /LE 2007 Primer Surfacer												162G	1.6	2.5-3.0 bar			
2K SOLID COLOR	Centari 500	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	Centari 501	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	Centari 503S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.5-2.0 bar	142G	1.4	2.5-3.0 bar					
BASE COAT (Solvent base)	CENTARI 600	1305	1.3	1.8 bar *	OBS13	1.3	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	CENTARI 6000	1305	1.3	1.8 bar *	OBS13	1.3	1.8-2.0 bar	142G	1.4	1.5-2.0 bar								
BASE COAT (Water base)	CROMAX PRO	1305	1.3	1.8 bar *	OBS13	1.3	1.8-2.0 bar	132G	1.3	1.5-2.0 bar								
CLEAR COAT	G2-7600S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	G2-4500S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	498-00	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	120S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	655S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	696S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar					142G	1.4	2.5-3.0 bar				
	3050 S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	3750 S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	3800 S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	3760 S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	G3-8800 S	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	CC6400	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
	CC6600	1405	1.4	1.8 bar *	1401C	1.4	1.8-2.0 bar	142G	1.4	1.8-2.0 bar								
MICRO REPAIR	BASE COAT														104G	1.0	2.0 bar	
	CLEAR COAT														104G	1.0	2.0 bar	

*Air pressure inside aircap is less than 0.7bar(10psi), when use by inlet pressure 1.8 bar and full opened pattern adjust knob (HVLP condition)

These recommendations are based on reliable research from Axalta Coating System (Thailand) Limited and can be applied in Asia-Pacific region.

Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique.

Referenced air pressure data in this chart are all measured with full trigger.

The recommended air pressure must be set with a full trigger condition on the spray gun.



TYPE	PRODUCT	MODEL																
		WS400			LS-400			W400 WB2			W400 LV2			W400 LV1				
		Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure		
SURFACER	Autosurfacer Rapid															182G	Ø1.8	1.7-2.2 bar
	Autosurfacer Classic															182G	Ø1.8	1.7-2.2 bar
BASE COAT	Autobase Plus	1301BH	Ø1.3	1.7-2.2 bar	ETS13	Ø1.3	1.8 bar *	132G	Ø1.3	1.7-2.2 bar	132G	Ø1.3	1.7-2.2 bar					
	Autowave	1301BH	Ø1.3	1.7-2.2 bar	ETS13	Ø1.3	1.8 bar *	132G	Ø1.3	1.7-2.2 bar								
CLEAR COAT	Autoclear Plus HS	1401CH	Ø1.4	1.7-2.2 bar				142G	Ø1.4	1.7-2.2 bar	142G	Ø1.4	1.7-2.2 bar					
	Autoclear Classic	1401CH	Ø1.4	1.7-2.2 bar				142G	Ø1.4	1.7-2.2 bar	142G	Ø1.4	1.7-2.2 bar					
	Autoclear Rapid	1401C 1401GH	Ø1.4	1.7-2.2 bar				142G	Ø1.4	1.7-2.2 bar	142G	Ø1.4	1.7-2.2 bar					
	Autoclear 4:1	1401C 1401CH	Ø1.4	1.7-2.2 bar				142G	Ø1.4	1.7-2.2 bar	142G	Ø1.4	1.7-2.2 bar					

*Air pressure inside aircap is less than 0.7bar(10psi), when use by inlet pressure 1.8 bar and full opened pattern adjust knob (HVLP condition)

These recommendations are based on reliable research from AkzoNobel and can be applied in Asia-Pacific region. (Thailand)

Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique.

Referenced air pressure data in this chart are all measured with full trigger.

The recommended air pressure must be set with a full trigger condition on the spray gun.

RECOMMENDATION NOZZLE CHART



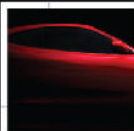
TYPE	PRODUCT	Model																	
		W-101 (Gravity)			W-101 (Gravity)			W-101KPG (Gravity)			W-101KPG (Gravity)			W-400WB			WS-400		
		Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure
PRIMER	Lacquer type primer surfacer	132G (H2)	Ø1.3	0.2MPa	151G (K1)	Ø1.5	0.2MPa												
	Urethane type primer surfacer JUST HS FILLER A	132G (H2)	Ø1.3	0.2MPa	151G (K1)	Ø1.5	0.2MPa												
	Urethane type primer surfacer (film rich) JUST HS FILLER				151G (K1)	Ø1.5	0.2MPa												
	RETAN WB ECO PRIMER SURFACER	132G (H2)	Ø1.3	0.2MPa	151G (K1)	Ø1.5	0.2MPa												
BASE Solventbourne	RETAN PGHB ECO (Regular system)	132G (H2)	Ø1.3	0.2MPa				136KPG (KP6)	Ø1.3	0.2MPa							1301B (Ø1)	Ø1.3	0.2MPa
	RETAN PGHB ECO HS SYSTEM	132G (H2)	Ø1.3	0.2MPa				136KPG (KP6)	Ø1.3	0.2MPa	146KPG (KP6)	Ø1.4	0.2MPa				1301B (Ø1)	Ø1.3	0.2MPa
BASE Waterbourne	RETAN WB ECO	132G (H2)	Ø1.3	0.2MPa				136KPG (KP6)	Ø1.3	0.2MPa	146KPG (KP6)	Ø1.4	0.2MPa	142G (WB2)	Ø1.4	0.2MPa			
CLEAR	RETAN PG ECO CLEAR HX series	132G (H2)	Ø1.3	0.2MPa				136KPG (KP6)	Ø1.3	0.2MPa	146KPG (KP6)	Ø1.4	0.2MPa						
	RETAN PG ECO HS CLEAR series										146KPG (KP6)	Ø1.4	0.2MPa						

These recommendations are based on reliable research from Kansai-paint and can be applied in the world. Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique. Referenced air pressure data in this chart are all measured with full trigger. The recommended air pressure must be set with a full trigger condition on the spray gun.



TYPE	PRODUCT	MODEL																			
		WS400					W400 WBX					W400 WB2					W400 LV2				
		Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control
Hi Build Primer	P565-713 /888/510/511															162G	Ø1.6	2.0 bar	3		
BASE COAT - Solvent	NeKa Autocolor					134G	Ø1.3	2.0 bar	3	Full	132G	Ø1.3	2.0 bar	3	Full						
BASE COAT WB	Aquabase Plus	1301B	Ø1.3	2.0 bar	3	1 and 3/4															
CLEAR COAT - MS	P190-6680	1301CH	Ø1.3HD	2.0 bar	2.5	1.5															
CLEAR COAT - HS	P190-6680	1301CH	Ø1.3HD	2.0 bar	2.5	1.5															
	P190-6850	1301CH	Ø1.3HD	2.0 bar	2.5	1.5															
CLEARCOAT - UHS	P190-6690	1301CH	Ø1.3HD	2.0 bar	2.5	1.5															

These recommendations are based on reliable research from PPG and can be applied in Asia-Pacific region. Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique. Referenced air pressure data in this chart are all measured with full trigger. The recommended air pressure must be set with a full trigger condition on the spray gun.



RECOMMENDATION NOZZLE CHART



TYPE	PRODUCT	MODEL					
		W-101 NPG (Gravity)			W-101 NPG (Gravity)		
		Model	Ø nozzle	air pressure	Model	Ø nozzle	air pressure
BASE Solventborne	nax REAL	136NPG (NP6)	Ø1.3	0.15MPa	146NPG (NP6)	Ø1.4	0.15MPa
CLEAR	nax MULTI ECO (3.1) 20ix CLEAR	136NPG (NP6)	Ø1.3	0.20MPa	146NPG (NP6)	Ø1.4	0.20MPa
	nax AEGIS (3.1) RS CLEAR	136NPG (NP6)	Ø1.3	0.20MPa	146NPG (NP6)	Ø1.4	0.20MPa



These recommendations are based on reliable research from Nippon-paint and can be applied in the world. Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique. Referenced air pressure data in this chart are all measured with full trigger. The recommended air pressure must be set with a full trigger condition on the spray gun.



TYPE	PRODUCT	MODEL																			
		WS400					W400 WBX					W400 WB2					W400 LV2				
		Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control	Model	Ø nozzle *	air pressure **	Fluid Needle Turns	Turns on Fan Control
Primer - Hi Build	D8046, D839																162G	Ø1.6	2.0 bar	3	Full
BASE COAT - Solvent	Deltren GRS- Solvent basecoat System						134G	Ø1.3	1.5 bar	3	Full	132G	Ø1.3	1.5 bar	3	Full					
BASE COAT - WB	Envirobase HP	1301B	Ø1.3	1.5 bar	3	1 and 3/4															
CLEAR COAT - MS	D800	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5	134G	Ø1.3	1.5 bar	3	2										
Clearcoat - HS	D8120	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5	134G	Ø1.3	1.5 bar	3	2										
	D8112	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5	134G	Ø1.3	1.5 bar	3	2										
Clearcoat - UHS	D8135	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5															
	D8138	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5															
	D8122 Ceramiclear	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5															
	D8141	1301BCH	Ø1.3CH	2.0 bar	2.5	1.5															

These recommendations are based on reliable research from PPG and can be applied in Asia-Pacific region. Experimentation may be required with multiple fluid nozzle recommendations, to best suit your application technique. Referenced air pressure data in this chart are all measured with full trigger. The recommended air pressure must be set with a full trigger condition on the spray gun.





TECHNICAL SPRAY GUN APPROVAL

ANEST IWATA W-400 / Classic Plus WB 2	ANEST IWATA W-400 / Classic Plus WBX	ANEST IWATA WS-400 / evo	Air Gunsa (ANEST IWATA Group) AZ30 HTE	ANEST IWATA W-400 LV1/2	Air Gunsa (ANEST IWATA Group) impact AZ3 HTE-S	ANEST IWATA LS-400 entech	Products
							UP Polyester Spray Filler 1006-26
1.3-1.4	1.3-1.4	1.3 HD-1.4 HD	1.8	1.6-1.8	1.6-1.8		Etch Primer Filler 283-150
2.0 bar	2.0 bar	2.0 bar	2.0 bar	2.0 bar	2.0 bar		
			1.8	1.6-1.8	1.6-1.8		Primer Filler 285-
			2.0 bar	2.0 bar	2.0 bar		
			1.8	1.6-1.8	1.6-1.8		1K-Primer Filler 176-72
			2.0 bar	2.0 bar	2.0 bar		
1.3-1.4	1.3-1.4	1.3 HD-1.4 HD	1.8				Non-Sanding Filler 285-
2.0 bar	2.0 bar	2.0 bar	2.0 bar				
1.3-1.4	1.3-1.4	1.3 HD-1.4 HD					HS / VOC 2KTopcoat 22-
2.0 bar	2.0 bar	2.0 bar					
		1.3 HD-1.4 HD					55-Line Basecoat
		2.0 bar					
1.3		1.3 HD-1.4 HD				1.4 ETS	90-Line Basecoat
2.0 bar		2.0 bar				1.8 bar	
1.3-1.4	1.3-1.4	1.3 HD-1.4 HD					HS / VOC Clearcoat 923-
2.0 bar	2.0 bar	2.0 bar					

For detailed information please click on: www.anest-iwataeu.com



Products	ANEST IWATA LS-400 entech	ANEST IWATA W-400 / Classic Plus WB2	ANEST IWATA W-400 / Classic Plus WBX	ANEST IWATA WS-400 / evo	Air Gunsa (ANEST IWATA Group) AZ30 HTE	ANEST IWATA W-400 / LV 1/2	Air Gunsa (ANEST IWATA Group) impact AZ3 HTE-S
STOP FILLER II							
PERFECTFILLER GREY WHITE / BLACK					1.8	1.6-1.8	1.6-1.8
					2.0 bar	2.0 bar	2.0 bar
EXTRSEALER WHITE BLACK		1.3-1.4	1.3-1.4	1.3 HD-1.4 HD			
		2.0 bar	2.0 bar	2.0 bar			
HYDROFILLER II					1.8	1.6-1.8	1.6-1.8
					2.0 bar	2.0 bar	2.0 bar
DIAMONT		1.3-1.4		1.3 HD-1.4 HD			
		2.0 bar		2.0 bar			
ONYX HD	1.3-1.4	1.3 HD-1.4 HD					
	2.0 bar	2.0 bar					
UNO HD / UNO HD CP		1.3-1.4	1.3-1.4	1.3 HD-1.4 HD			
		2.0 bar	2.0 bar	2.0 bar			
CHRONOTOP DIAMONTOP MS STARTOP HS		1.3-1.4	1.3-1.4	1.3 HD-1.4 HD		1.4 ETS	
		2.0 bar	2.0 bar	2.0 bar		1.8 bar	
CRYSTALCLEAR CP CHRONOLUX CP SUPREMELUX CP		1.3-1.4	1.3-1.4	1.3 HD-1.4 HD			
		2.0 bar	2.0 bar	2.0 bar			

For detailed information please click on: www.anest-iwataeu.com