



World **L**eader
in **S**pray **P**ainting
Technology



**ANEST
IWATA**

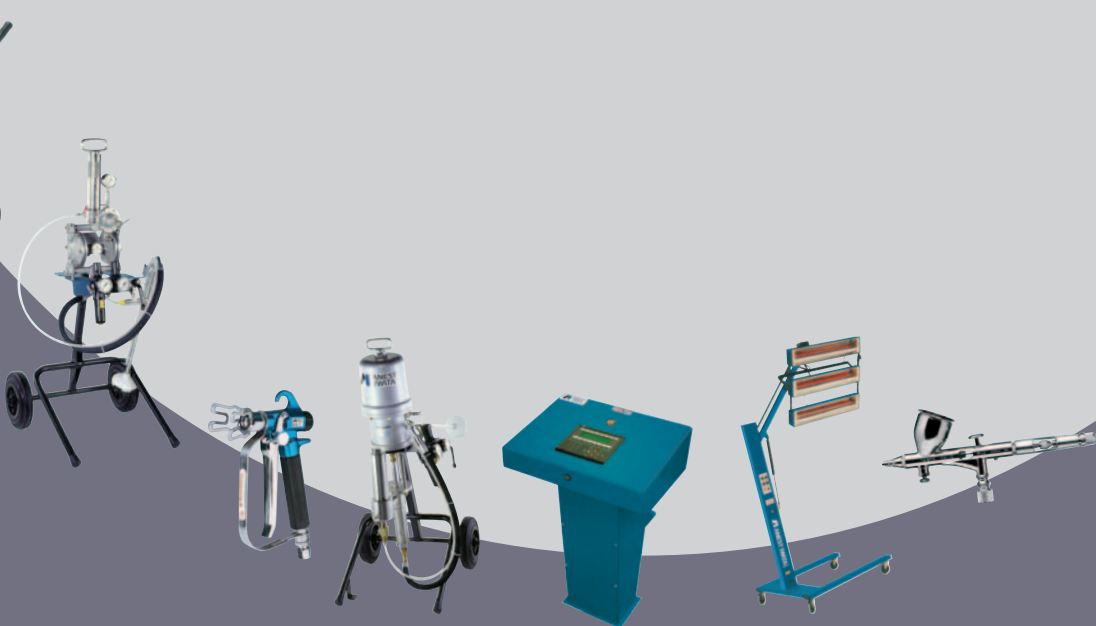


...a new star will be born.



[illegible]

All members of **ANEST IWATA** use their best knowledge and capabilities in order to offer our customers excellent service and high quality products and satisfy them with high quality, reliability, a good reputation and constant innovation.



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When you see this symbol the product
has been tested and is suitable for use
with water borne coating materials.



Standard Atomization Technology



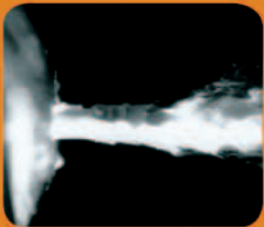
0,05 bar



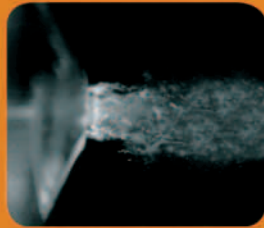
0,1 bar



0,2 bar



0,3 bar



New Atomization Technology WB

Mix & Spray

Rigid Gravity Cup System



1



2



3



4



5



6



- Environmentally friendly
- Only one container for Mixing and Spraying
- Graduated Mixing Cup
- Minimum use of v.o.c. required
- Maximum speed of paint preparation
- The only disposable cup approved for use with ANEST IWATA and AIR GUNSA Spray Guns
- No change of fluid output due to the special air valve
- Anti drip system
- Very low cost
- Save on cleaning time and cleaning materials
- Recyclable or reusable
- No waste of paint inside the cup at the end of paint spraying thanks to the smooth inner surface



W 400 Gravity

Low air volume general purpose



CERTIFICATE OF COMPLIANCE

We certify that we have tested the Anest Iwata High T.E.C. W 400 gravity spray gun in accordance with ASTM Designation: D5286-95 Tests for transfer efficiency and that this spray gun complies with the requirements of the Environmental Protection Act 1990, Part I - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

TWO COAT SYSTEM

PRIMER 92.0%
SOLID COLOUR 76.9%
SYSTEM 84.5%

THREE COAT SYSTEM

PRIMER 92.0%
BASECOAT 76.4%
CLEARCOAT 74.7%
SYSTEM 81.0%

Signed for MIRRC THATCHAM:

M. Smith
Chief Executive

CERTIFICATE OF COMPLIANCE

We certify that we have tested (Report Number: TE011) the Anest Iwata W 400 WB Gravity Spray Gun manufactured by Anest Iwata Corporation, in accordance with pr EN 13966-1 Method 2 - tests for paint transfer efficiency (by weight) and that the spray gun complies with the requirements of the UK Environmental Protection Act 1990, Part I - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

2K VHS Primer 91.0%
Base coat (Waterborne) 68.7%
Clear coat 77.7%

Signed for MIRRC THATCHAM:

Ken Roberts
Research & Operations Director

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.

Date of Issue:
March 2002

W 400 WB

Low air volume
for water based base coat



PRE ATOMIZATION TECHNOLOGY

Model						
	Ø mm	bar	Nl/min	ml/min	mm	No.
W400-082G	0.8	2.0	280	60	80	LV2
W400-102G	1.0			95	150	
W400-122G	1.2			140	175	
W400-132G	1.3			160	225	
W400-142G	1.4			210	225	
W400-152G	1.5			230	250	
W400-162G	1.6			240	270	
W400-182G	1.8	3.0	290	320	260	LV1
W400-202G	2.0			360	460	320
W400-251G	2.5			360	580	340
						W1

W400WB-101G	1.0	1.8	230	90	230	WB1	380 only gun
W400WB-121G	1.2			120	260		
W400WB-131G	1.3			140	280		
W400WB-141G	1.4			160	290		
W400WB-131G	1.3		390	140	300	WB2	
W400WB-161G	1.6		390	210	340		

Air nipple: G 1/4"

Fluid nipple (gravity) M16 x 1.5mm

CE  II 2G X

USE											
W 400 Gravity											
W 400 WB											

THATCHAM
EPA





W 300 Gravity

Low air volume general purpose



CERTIFICATE OF COMPLIANCE

We certify that we have tested (Report Number: *TE010*) the *Anest Iwata W 300 Gravity Spray Gun* manufactured by *Anest Iwata Corporation*, in accordance with prEN 13966-1 Method 2 - tests for paint transfer efficiency (by weight) and that the spray gun complies with the requirements of the UK Environmental Protection Act 1990, Part 1 - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

Water Based Base Coat	90,6%
2K HS Lacquer (Clearcoat)	85,4%
2K VHS Primer	98,4%

Signed for MIRRC THATCHAM:  Ken Roberts
Research & Operations Director

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.
Date of Issue
March 2002



PRE ATOMIZATION TECHNOLOGY



Model							
	Ø mm	bar	m³/min	m³/min	mm	No.	g
W300-081G	0.8	2.0	430	65	100	E1	320 only gun
W300-101G	1.0	2.5	180	100	130	K1	
W300-132G	1.3	2.5	290	160	175	H2	

W300WB-101G	1.0	1.5	190	65	230	WB1	320 only gun
W300WB-121G	1.2			100	240		
W300WB-141G	1.4			125	250		

Air nipple: G 1/4"

Fluid nipple: G 1/4"

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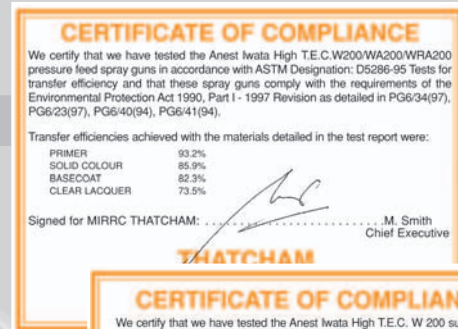


W 200 Pressure

General purpose

W 200 Suction

Low air volume
general purpose



Model	Ø mm	bar	l/min	m³/min	mm	No.	g
W200-082 P	0.8	2.0	360	255	280	LV2	380
W200-102 P	1.0						
W200-122 P	1.2						
W200-082 P	0.8	3.0	560	500	400	G2P	
W200-102 P	1.0						
W200-122 P	1.2						

CERAMIC PAINT

NOZZLE/NEEDLE IN TUNGSTEN CARBIDE

W200-151 ZP	1.5	2.0	500	760	370	R1Z	390
W200-201 ZP	2.0						
W200-251 ZP	2.5						

Air nipple: G 1/4"

Fluid nipple: G 3/8"

HEAVY VISCOSITY APPLICATIONS

W2003	2.0	2.9	270	-	300/400	R1	390
W2003	2.5	2.9	360	-	300/400	W1	390

Air nipple: G 1/4"

Fluid nipple: M16x1

W200-152 S	1.5	3.0	330	240	290	K2	380
W200-182 S	1.8		330	290	340	K2	
W200-202 S	2.0		360	350	290	R2	
W200-251 S	2.5		500	760	370	W1	

Air nipple: G 1/4"

Fluid nipple: G 3/8"



CE II 2G X

USE										
W 200 Pressure										
W 200 Suction										





PRE ATOMIZATION TECHNOLOGY



Recirculating Spray Gun

**FOR
AUTOMOTIVE
LINE**

Air nipple: G 1/4"

Fluid nipple: G 3/8"

Air nipple: G 1/4"

Fluid nipple: G 1/4" F

[illegible]



W 101 Pressure

Low air volume
general purpose



W 101 Suction

Low air volume
general purpose



W 101 Gravity

Low air volume
general purpose



CE Ξ II 2G X

Model	Type of feed	Ø mm	bar	l/min	m³/min	mm	No.	g
W101-082P	pressure	0.8	3.0	270	150	190	E2P	295
W101-102P		1.0		270	200	220	E2P	
W101-132P		1.3		220	200	210	E2P	
W101-152P		1.5		220	250	240	E2P	
W101-132S	suction	1.3	2.5	225	150	160	H2	
W101-152S		1.5		225	170	175	H2	
W101-181S		1.8		170	210	170	N1	
W101-101G	gravity	1.0		75	95	130	E1	
W101-132G		1.3		225	160	175	H2	
W101-152G		1.5		225	190	190	H2	
W101-181G		1.8		170	240	190	N1	

Air nipple: G 1/4"

Fluid nipple: G 1/4"

USE											
W 101 Pressure											
W 101 Suction											
W 101 Gravity											



NEW 71

General purpose



NEW 77

General purpose



Model							
	Ø mm	bar	Nl/min	ml/min	mm	No.	g
NEW 71 0	0.8	3.5	240	200	190	0	470
NEW 71 1S	1.0	3.0	75	95	100	1S	
NEW 71 2S	1.3		85	135	135	2S	
NEW 71 3S	1.5		165	180	170	3S	
NEW 71 4S	1.8		230	195	200	4S	
NEW 71 21S	1.3		195	140	155	21S	
NEW 71 31S	1.5		230	170	170	31S	
NEW 71 1G	1.0		75	110	120	1G	
NEW 71 2G	1.3		85	155	155	2G	
NEW 71 3G	1.5		165	210	185	3G	
NEW 71 4G	1.8		230	220	230	4G	
NEW 71 21G	1.3		195	160	165	21G	
NEW 71 31G	1.5		230	190	185	31G	

Air Nipple: G 1/4"

Fluid Nipple: G 1/4"

NEW 77 0	1.2	3.5	430	480	445	0	550
NEW 77 1S	1.5		180	255	210	1	
NEW 77 2S	2.0		250	345	255	2	
NEW 77 3S	2.5		325	435	280	3	
NEW 77 1G	1.5		180	285	230	1	
NEW 77 2G	2.0		250	390	290	2	
NEW 77 3G	2.5		325	485	330	3	

Air Nipple: G 1/4"

Fluid Nipple: G 3/8"

CE  II 2G X

USE											
NEW 71											
NEW 77											



COMPACT SPRAY GUN FOR SMALL REPAIRS

- Compact and lightweight
- Fine atomization
- Twilight chrome plated body
- Suitable for solvent and water based paints
- PTFE packing

LPH 80

250 CC CUP

70 CC CUP



Model	 Ø mm	 bar	 l/min	 m³/min	 mm	 g
LPH 80 044G	0.4	0.9	50	8	40	205
LPH 80 064G	0.6			25	60	
LPH 80 084G	0.8			40	80	
LPH 80 104G	1.0			55	100	
LPH 80 124 G	1.2			80	120	

Air nipple: G 1/4"

Fluid nipple: G 1/8"

[illegible]



PRE ATOMIZATION TECHNOLOGY
PATENT SPLIT NOZZLE



Refinishing Gun

**IDEAL FOR
TOUCH UP WORK**

Air nipple: G 1/4"

Fluid nipple: M 16x1,5 mm

Air nipple: G 1/4"

Fluid nipple: G 1/4"

[illegible]



LPH 50

Touch-up Work Spray Gun

- Easy colour matching and touch-up due to low pressure and low air delivery
- Most suitable for metallic or pearl painting due to fine particles



RG 3L

Touch-up Work Spray Gun

- Especially useful for custom designing or for spraying large background areas

SIDE GRAVITY CUPS

Model	Capacity
PC 61 (stainless steel)	130 CC
PC 52 (resin)	200 CC
PC 51	220 CC
PC 5	250 CC
PC 4S	400 CC

Model							
	Ø mm	bar	N ₂ /min	m ³ /min	mm	No.	g
LPH-50-042 G	0.4	0.9	50	8	40	-	220
LPH-50-062 G	0.6			25	60	-	
LPH-50-102 G	1.0			55	100	-	

RG 3L-1	0.4	2.5	30	15	25	LV2	180
RG 3L-2	0.6		30	35	35		
RG 3L-3	1.0		50	80	35		

Air nipple: G 1/4"

Fluid nipple: G 1/4"

[illegible]

RECOMMENDATION CHARTS

RECOMMENDATION CHART
www.aneef-ivcraeu.com

RECOMMENDATION CHART
www.aneef-ivcraeu.com

RECOMMENDATION CHART
www.aneef-ivcraeu.com

RECOMMENDATION CHART
www.aneef-ivcraeu.com



European Directives:
1999/13/CE - 2004/42/CE

Guidelines:

- Use products in compliance.
- Use spray guns with High Transfer Efficiency.
- Use products within enclosed areas.
- Respect hygiene and safety regulations.

Trade Marks are property of the depositor

Maximum VOC content limit values for paints and varnishes:

PRODUCT	MAX. VOC CONTENT LIMIT FOR PRODUCTS (g/l)
Preparatory and cleaning	850
Pre-cleaner	200
Bodyfiller/stopper (all types)	250
Wash primer	780
Surface/filler and general (metal) primer	540
Top coat/Single coat	420
Base coat	420
Clear lacquer	420
Special finishes	840



WA 200
General purpose

CERTIFICATE OF COMPLIANCE

We certify that we have tested the Anest Iwata High T.E.C.W200/WA200/WRA200 pressure feed spray guns in accordance with ASTM Designation: D5286-95 Tests for transfer efficiency and that these spray guns comply with the requirements of the Environmental Protection Act 1990, Part I - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

PRIMER	93.2%
SOLID COLOUR	85.9%
BASECOAT	82.3%
CLEAR LACQUER	73.5%

Signed for MIRRC THATCHAM: M. Smith
Chief Executive

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.

WA 200 ZP

With nozzle / needle in tungsten carbide
for ceramic industry

WA 200 FT

With Flat & Thin fan pattern
for leather and wood industry



Model							
	Ø mm	bar	l/min	ml/min	mm	No.	g
WA200 062	0.6	2.0	270	255	280	LV2	500
WA200 084	0.8						
WA200 104	1.0						
WA200 124	1.2						
WA200 154	1.5						
WA200 082P	0.8	3.0	530	500	400	G2P	
WA200 102P	1.0						
WA200 122P	1.2						
WA200 152P	1.5						
WA200 202P	2.0		360	400	320	R2	
WA200 251P	2.5						

WA200 151 ZP	1.5	3.0	330	270	340	R1Z	500
WA200 201 ZP	2.0	3.0	360	400	320		
WA200 251 ZP	2.5	3.0	360	500	330		

WA200-066P FT	0.6	0.14	170	80	140	FT6	550
WA200-086P FT	0.8	0.16	185	100	150		
WA200-106P FT	1.0	0.18	200	120	160		
WA200-126P FT	1.2	0.20	220	140	180		

Air nipple: G 1/4"

Fluid nipple: G 3/8"

CE II 2G X

USE												
WA 200												
WA 200 ZP												
WA 200 FT												



WA 100

General purpose



Round Pattern

available



WA 77

General purpose



LPA 200

General purpose

Model							
WA100 082P	0.8	3.0	270	150	190	E2P	460
WA100 102P	1.0		270	200	220	E2P	
WA100 132P	1.3		260	250	230	H2	
WA100R 05P	0.5		40	20	35	round	

WA 77 081P	0.8	3.5	450	280	310	0	620
WA 77 101P	1.0			380	390		
WA 77 121P	1.2			480	445		
WA 77 152P	1.5		310	285	290	11	
WA 77 251P	2.5		345	485	330	3	

LPA 200 - 122PV	1.2	2.0	500	500	300	G2	500
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Air nipple: G 1/4"

Fluid nipple: G 1/4"

[illegible]



WRA 200 S8

Robot Applications

THATCHAM EPA

CERTIFICATE OF COMPLIANCE

We certify that we have tested the Anest Iwata High T.E.C.W200/WA200/WRA200 pressure feed spray guns in accordance with ASTM Designation: D5286-95 Tests for transfer efficiency and that these spray guns comply with the requirements of the Environmental Protection Act 1990, Part I - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

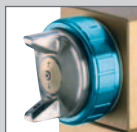
PRIMER	93.2%
SOLID COLOUR	85.9%
BASECOAT	82.3%
CLEAR LACQUER	73.5%

Signed for MIRRC THATCHAM:

M. Smith
Chief Executive

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.



WB version available



WRA 200 S19

With ROBOT ARM



WRA 100 S9

Robot Applications

Model							
WRA 200 S8	1.2	2.4	530	500	460	E2P	460
Air nipple: G 1/4" Fluid nipple: G 1/4"							
WRA 100 S9	0.4	0.9	380	350	280	-	400
WRA 100 S9	0.6		400		280	-	
WRA 100 S9	1.0		450		300	-	

Air Nipple / Fluid Nipple: quick connector

WRA200 S19 08P	0.8	1.5	420	150	200	WB1	1030
WRA200 S19 10P	1.0			200	240		
WRA200 S19 12P	1.2			250	260		
WRA200 S19 14P	1.4			250	280		

CE II 2G X

USE												
WRA 200 S8												
WRA 100 S9												
WRA 200 S19												



SGA 100

Special purpose



TOF 5 / TOF 5R*

2 ways

Special purpose

TOF 6 / TOF 6R*

3 ways

Special purpose

*** TOF 5R / TOF 6R**
ROUND PATTERN VERSION

Model							
	Ø mm	bar	Nl/min	ml/min	mm	No.	g
SGA 100	1.0	3.0	80	95	-	W100E1	270

Air nipple: G 1/4"

Fluid nipple: G 1/4"

Model	 No.	 Ø mm	 Nl/min	 m³/min	FAN 	ROUND 	 g
TOF 5 / 5R TOF 6 / 6R	05	0.5	60	60	200	60	350
	10	1.0	80	250	300	90	350
	13	1.3	100	360	400	100	350
	20	2.0	140	600	400	110	350

Air nipple: G 1/8"

Fluid nipple: G 1/8"

[illegible]



ELECTROSTATIC GUNS

19

Electrostatic Spray Guns for Water Based Paints

EXTERNAL CHARGE: NO NEED FOR INSULATING SYSTEM

- Detachable external electrode
- Maximum output: -50 kv (E-MW50) -60 kv (E-MW100)
- High voltage generation: internal elevator
- Input voltage: AC24Vpp (the gun is fed with low voltage)
- Maximum operating current: 150 μ A
- Length without electrode: 186 mm (E-MW50) 183 mm (E-MW100)
- Length with electrode: 212 mm (E-MW50) 229 mm (E-MW100)



E-MW50

Designed for better handling



E-MW100

Designed for better electrostatic effect

 **EXAM**
BG Prüf- und Zertifizier GmbH

Translation

EC-Type Examination Certificate

(1) - Directive 94/9/EC -
Equipment and protective systems intended for use in potentially explosive atmospheres

(2) **BVS 06 ATEX E 049**

(3) **Equipment:** Electrostatic hand-held spraying equipment types E-MW50 / E-SC24L-EX and E-MW100 / E-SC24L-EX

(4) **Manufacturer:** Anest Iwata Corporation

(5) **Address:** Yokohama 223-8501, Japan

(6) The design and construction of this equipment and any acceptable variation therein are specified in the schedule to this type examination certificate.

(7) The certification body of EXAM BG Prüf- und Zertifizier GmbH, notified body no. 0138 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex I to the Directive.

(8) The examination and test results are recorded in the test and assessment report BVS/PP/06-2019 EGI.

(9) The Essential Health and Safety Requirements are assessed by compliance with:

EN 58050:2001 Electrostatic hand-held spraying equipment

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for use as specified in the schedule to this certificate.

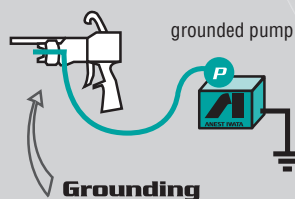
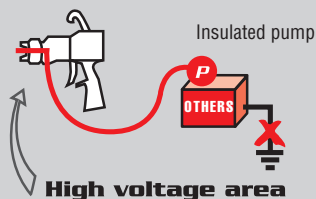
(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance with Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) Signifying of the equipment shall include the following:
II 2G EEx 0,24 mJ for spraying gun
II 2G EX S050 for controller

EXAM BG Prüf- und Zertifizier GmbH
Böblingen, dated 11. June 2008

Signed: **Dr. Jockers** Special services unit
Certification body

Page 1 of 2 (BVS/PP/06/02/01/01)
This certificate is valid for the equipment described in the schedule to this certificate.
Dissemination: 1 4000 Technical Drawing Sheet 100 x 150 mm (A4) Fax: +49 7143 900 120



  **II 2G EEx 0,24 mJ**
KEMA 0344 EN50050 group II, category 2 gas atmosphere equipment
BVS06ATEXE049 suitable for use in zone 1

Model	 Ø mm	 No.	 L.V.	 H.V.	 m	 g
E-MW50-11C5X	1.1	C5	AC24Vpp	DC-50kV	10	530
E-MW50-11C5Y	1.1	C5	AC24Vpp	DC-50kV	15	530
E-MW50-11C5Z	1.1	C5	AC24Vpp	DC-50kV	20	530
E-MW100-11C5X	1.1	C5	AC24Vpp	DC-60kV	10	595
E-MW100-115Y	1.1	C5	AC24Vpp	DC-60kV	15	595
E-MW100-11C5Z	1.1	C5	AC24Vpp	DC-60kV	20	595

USE												
E-MW50												
E-MW100												

EXTERNAL CHARGE



E-SC24-EX

For E-MW100 series

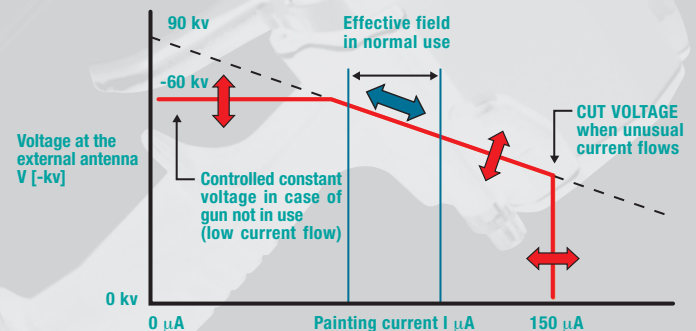
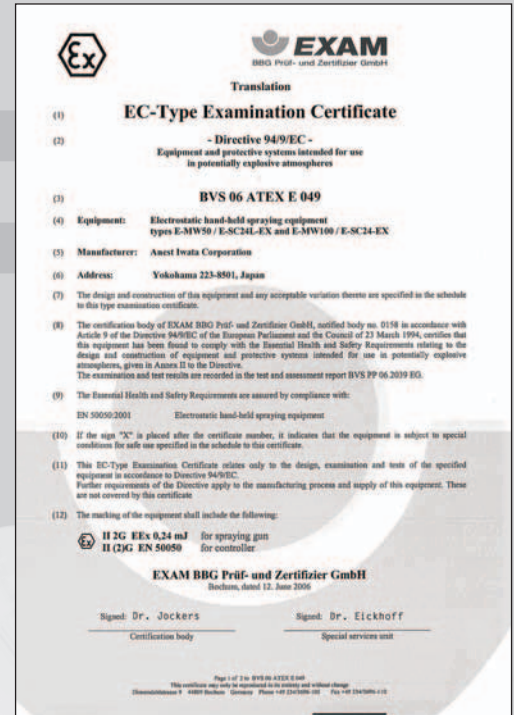
E-SC24L-EX

For E-MW50 series

FOR AUTOMAKERS AND GENERAL INDUSTRIES

Intelligent controller maximizes performance of compact electrostatic gun.

- Digital set up:
 - Voltage
 - Current
- Full functions of safety detection:
 - Grounding
 - Low voltage cable failure alarm
 - Current overload alarm
- Function to keep record of alarms
- Advanced voltage and current control by microcomputer
- Size: D 160 x W 245 x H 130 mm



E-SC24-EX E-SC24L-EX	AC200-240V	UK	
E-SC24-EX-S1 E-SC24L-EX-S1	AC200-240V with external output*		
E-SC24-EX-i E-SC24L-EX-i	AC200-240V	Italy	
E-SC24-EX-S1-i E-SC24L-EX-S1-i	AC200-240V with external output*		
E-SC24-EX-F E-SC24L-EX-F	AC200-240V	France Germany	
E-SC24-EX-S1-F E-SC24L-EX-S1-F	AC200-240V with external output*		

* External signal output option type.
Specifications: Power on/off - Charge on/off - Failure on/off - Current flow caution

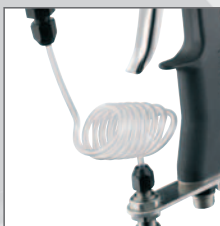


E-M15B

For general paints



Round pattern air cap set



Spiral fluid tube set



INTERNAL CHARGE

Effective & Ecological

Fulfills high transfer efficiency with even -40 kV by means of atomizing head to maintain fine finishing and maximize electrostatic effect.

Safety

Cascade type high safety feature.

Ergonomics

Ergonomically designed trigger and grip supported by feedback from many users.

Easy

Low voltage cable with detachable connector for easy maintenance.
Teflon fluid hose which is easy to clean and maintain.



KEMA 0344	EN50050	group II, category 2 gas atmosphere equipment
	BVS05ATEXE027	suitable for use in zone 1

**FOR AUTOMAKERS
AND GENERAL
INDUSTRIES**

Model						
	Ø mm	No.	L.V.	H.V.	m	g
E-M15B-13C1X	1.3	C1	AC12Vpp	DC-40kV	10	510
E-M15B-13C1Y	1.3	C1	AC12Vpp	DC-40kV	15	510
E-M15B-13C1Z	1.3	C1	AC12Vpp	DC-40kV	20	510
E-M15B-13L1X	1.3	L1	AC12Vpp	DC-40kV	10	510
E-M15B-13L1Y	1.3	L1	AC12Vpp	DC-40kV	15	510
E-M15B-13L1Z	1.3	L1	AC12Vpp	DC-40kV	20	510

[illegible]

INTERNAL CHARGE



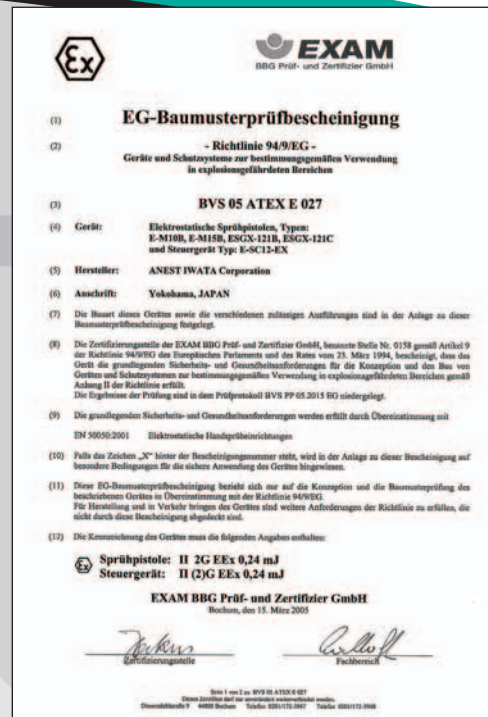
E-SC12-EX

For E-MW100 series

FOR AUTOMAKERS AND GENERAL INDUSTRIES

Intelligent controller maximizes performance of compact electrostatic gun.

- Overcurrent relay (OCR).
- Ground failure detection.
- Shielded cable failure detection.
- Metallic bridge avoidance function.
- Self-diagnostic failure display function.
- Size: D150 x W200 x H130 mm



CE **Ex** II (2)G EEx 0,24 mJ

KEMA 0344

EN50050

BVS05ATEXE027

to be installed only in safe area

E-SC12-EX	AC200-240V	UK	
E-SC12-EX-S1*	AC200-240V with external output*		
E-SC12-EX-1	AC200-240V	Italy	
E-SC12-EX-S1-I*	AC200-240V with external output*		
E-SC12-EX-FD	AC200-240V	France Germany	
E-SC12-EX-S1-FD*	AC200-240V with external output*		

* External signal output option type.

Specifications: Power on/off - Charge on/off - Failure on/off - Low current detection



DDP 90



DPS 90

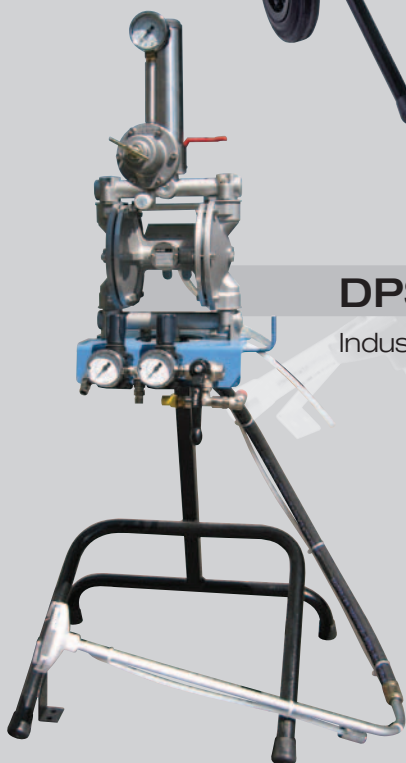
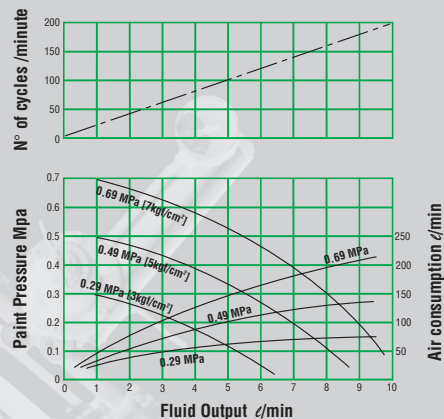
Industrial Painting



Versions:

DPS 90 F
DPS 90 FN

Aluminium
Stainless Steel



DPS 120

Industrial Painting

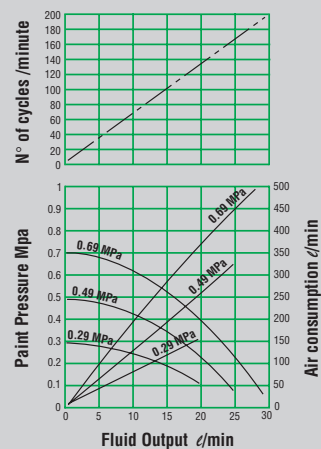


DDP 120

Versions:

DPS 120 B
DPS 120 B WB

Aluminium
Teflon Coated



CE Ξ II 2G T6 X

Model							
DPS 90 F / DPS 90 FN	1:1	6.8	6.8	50	200	10	50
DPS 120 B / DPS 120 B WB	1:1	6.8	6.8	150	200	30	50

USE										
DPS 90 F / DPS 90 FN										
DPS 120 B / DPS 120 B WB										

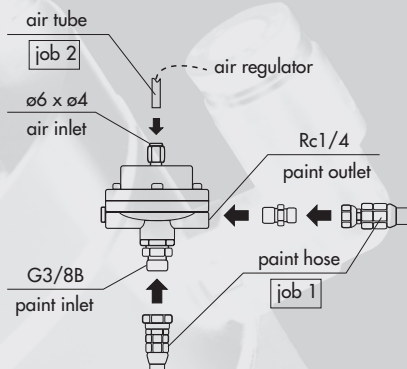


FCV 3

- Pressure range: 0÷6 bar
- Max flow: 2.0 l/min
- Max primary pressure: 25 bar

Available
in two versions:
FCV 3 or **FCV 3N***

*Stainless Steel



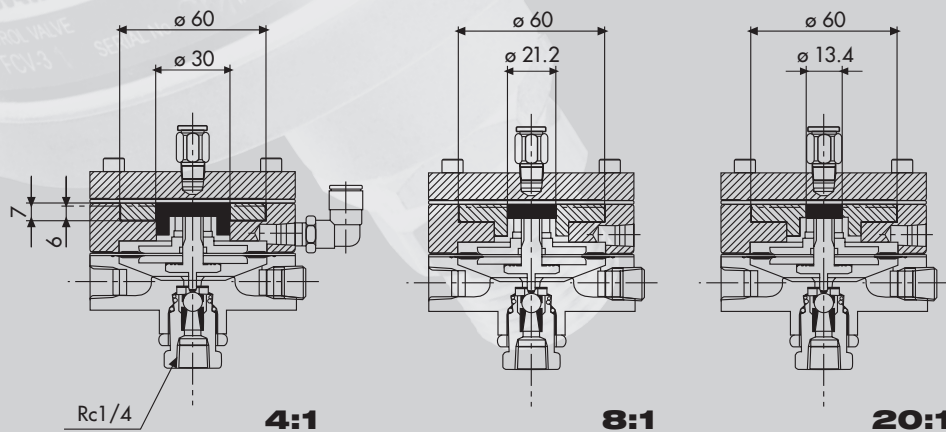
FCV 31

- 1:1 - 4:1 - 8:1 - 20:1
- Max flow: 2.0 l/min
- Pressure range: 0÷6 bar
- Max primary pressure: 25 bar

Available
in two versions:
FCV 31 or FCV 31N*

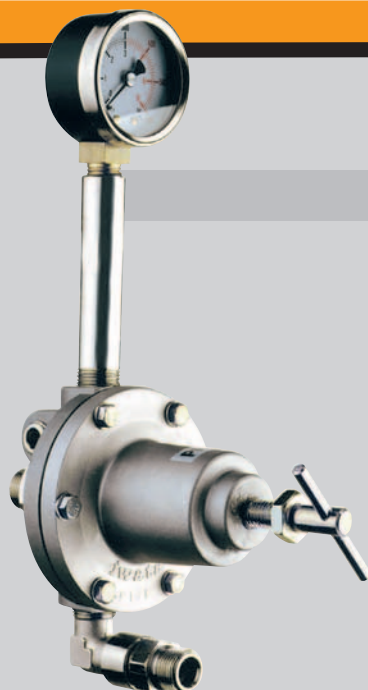
*Stainless Steel

Quick Reset System



CE  II 2 G X

[illegible]



PR-5L

For diaphragm pumps
(pressure ratio 1:1)

- Max fluid output: 2.0 l/min
- Max. pressure output:
from 0 to 3 bar
- Fluid joint input G 3/8"
- Fluid joint output G 1/4"

Versions:

- Stainless Steel
- Aluminium
- Teflon Coated



PR-B5

BACK PRESSURE VALVE

Touch-up Work Spray Gun

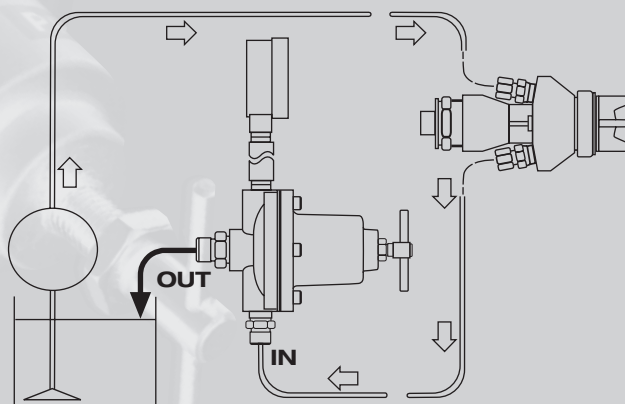
- Pressure range: 0÷6 bar
- Max. flow: 2.0 l/min
- Max. primary pressure: 20 bar

Available

in two versions:

PR-B5 or PR-B5 N*

*Stainless Steel

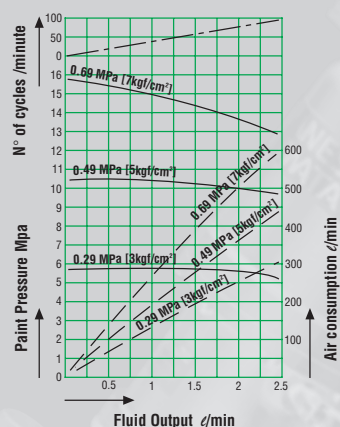


CE Ex II 2G X

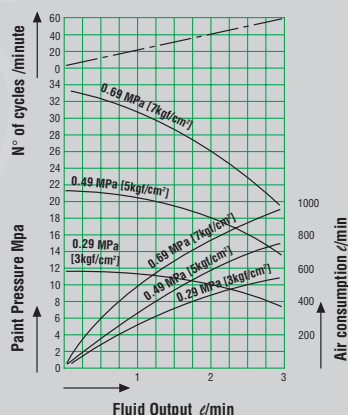
USE											
PR-5L											
PR-B5											



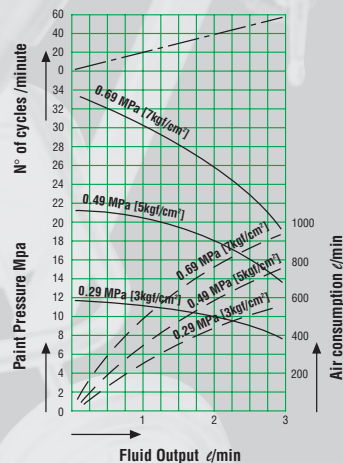
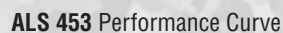
Suitable for low-medium viscosity paints



Suitable for low-medium viscosity paints



Suitable for low-medium viscosity paints



Model	 n:m	 bar	 bar	 m/cycle	 cycles/min	 t/min	 mesh	 mesh
ALS 333 C	25:1	170	6.8	26	92	2.4	100	50
ALS 433 C	30:1	204	6.8	59	80	4.7	100	50
ALS 453 C	53:1	360	6.8	35	80	2.8	100	50

CE  II 2G T6 X

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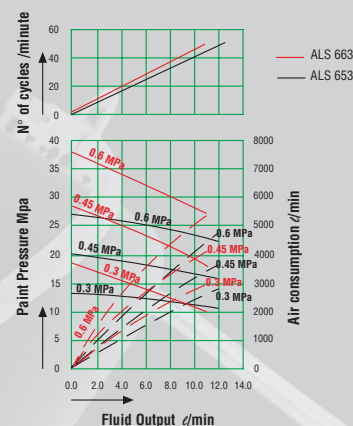


ALS 653 N / ALS 663 N

Suitable for low-medium-high viscosity paints



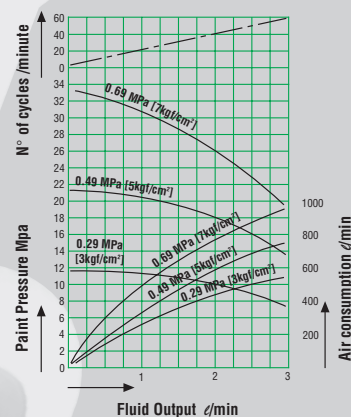
ALS 663-653 Performance Curve



ALS 423 TX

Suitable for high-viscosity paints and thixotropic paints

ALS 433 Performance Curve



ALS 433 TX

Suitable for high-viscosity paints and thixotropic paints



CE Ξ II 2G T6 X

Model								
	n.n	bar	bar	m/cycle	cycles/min	l/min	mesh	mesh
ALS 653 N	45:1	270	6.0	250	50	12.5	60	30
ALS 663 N	63:1	378	6.0	220	50	11.0	60	30
ALS 423 TX	23:1	156	6.8	80	100	8.0	100	30
ALS 433 TX	30:1	204	6.8	59	80	4.7	100	30

USE											
ALS 653 N / ALS 663 N											
ALS 423 TX											
ALS 433 TX											



ALG 7 WB TE

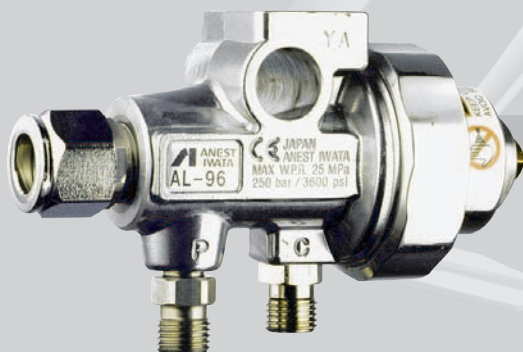
Airless Manual Gun

- Nozzle Gland Set Thread UNF 11/16"
- Trigger load: 2,26 kgf.
- High safety design: the resisting pressure is four times the maximum working pressure.
- Easy maintenance: it is not necessary to use any special tools to disassemble/assemble. The needle valve set is a complete assembly.
- Inner material of swivel joint in Stainless Steel SUS303

FOR WATER BASED PAINTS



Model	 g	 bar	 mesh
ALG 7 WB TE	440	250	100
ALG - 72	415		-
ALG - 73	450		-



AL 96

Airless Automatic Gun



Model	 g	 bar	 mesh
AL 96	480	250	-

[illegible]



MSU B193 / MSU B303

Suitable for High-viscosity paints
and thixotropic paints



PPS B043

Paint Pump Set
Suitable to feed automatic systems
and to transfer paints



Model							
MSU B303	30:1	180	6.0	133	13	100	30
MSU B193	19:1	114	6.0	133	12	100	30
PPS B043	4:1	24	6.0	628	60	-	-



USE													
MSU B193 / MSU B303													
PPS B043													



FPP 655

Extrusion paint pump



Model					
FPP-655	55:1	330	6.0	200	10



FG 6 / FG 61 / FG 62

Suitable for application of medium - high viscosity fluid,
such as adhesives and sealants



Model	 Ø mm	 bar	 bar	 g	Fluid Nipple
FG 6	3.0	-	250	440	NPS 3/8"
FG 61					G 1/4"
FG 62					G 1/4"

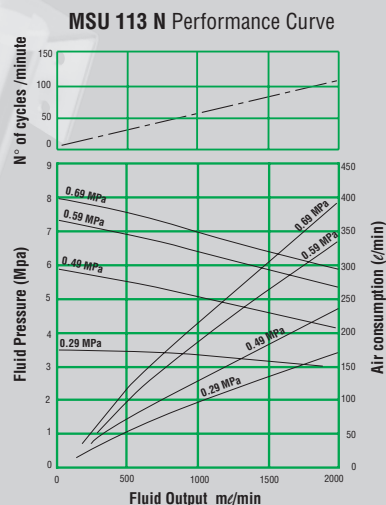
[illegible]



MSU 113 N

- Small size pump.
- Suitable for spraying medium quantity of paint with frequent colour changes, saves time and solvents in cleaning operations.
- Suitable for Water Based Paints
- Pressure ratio 13:1 suitable for use with:

stainless steel



Model	 n:n	 bar	 bar	 ml/cycle	 cycles/min	 l/min	 mesh	 mesh
MSU 113 N	13:1	88	6.8	17	110	1,9	100	50

CE Ξ_x II 2G T6 X

[illegible]



MSU 323 C

Suitable for low-medium viscosity paints

The logo for Stainless Steel features a large, stylized red letter 'S' with a black outline. Below the 'S', the words 'stainless steel' are written in a lowercase, sans-serif font. The 'S' is positioned to the left of the text, partially overlapping it.

MSU 323 CTX

Suitable for low-medium viscosity paints

The logo for Stainless Steel features a large, stylized 'S' composed of a red and a black curved line. Below the 'S', the words 'stainless steel' are written in a lowercase, sans-serif font.

MSU 321 N

Suitable for low-medium viscosity paints



stainless steel

CE  II 2G T6 X

Model	 n:n	 bar	 bar	 m/cycle	 cycles/min	 l/min	 mesh	 mesh
MSU 323 C	17:1	115	6.8	38	92	3.5	100	50
MSU 323 CTX	17:1	115	6.8	38	92	3.5	100	50
MSU 321 N	17:1	115	6.8	38	92	3.5	-	50

USE												
MSU 323 C												
MSU 323 CTX												
MSU 321 N												



MSU 423 TX

Suitable for low-medium viscosity paints



MSU 433 TX

Suitable for low-medium-high viscosity paints and Thixotropic paints



CE Ex II 2G T6 X

Model								
MSU 423 TX	23:1	156	6.8	80	100	8	100	30
MSU 433 TX	30:1	204	6.8	59	80	4.7	100	30

USE											
MSU 423 TX											
MSU 433 TX											



STAINLESS STEEL PAINT PRESSURE TANKS

- Air regulator
- Safety valve



Refilling cap is only available for 45 and 60 litre versions

Model	Max Capacity <i>litres</i>	Options	
		pneumatic agitator	double fluid exit
SSPT 10 HRA	10	●	●
SSPT 10 HWA	10	-	●
SSPT 45 HRA	45	●	●
SSPT 45 HWA	45	-	●
SSPT 60 HRA	60	●	●
SSPT 60 HWA	60	-	●

Max W. Pressure: 7 bar

CE  II 2G T6 X

[illegible]



PC 18 D

- Air regulator
- Safety valve
- Check valve



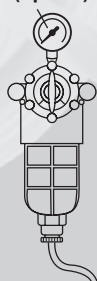
Available

in two versions:

PC 18 D or PC 18 DT*

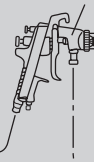
*T = Teflon

AIR TRANSFORMER
(option)

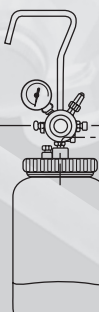


AIR HOSE
(option)

SPRAY GUN
(option)



FLUID HOSE
(option)



CE Ex II 2G T6 X

USE											
PC 18 D											

SUITABLE APPLICATIONS REFERENCE

36

	MODEL	PUMP TYPE	MANUAL AIR SPRAY	MANUAL ASSISTED AIRLESS SPRAY	MANUAL AIRLESS SPRAY	EXTRUSION (EX. CAULKING)	MANUAL FLOW COATING (NO ATOMIZATION)	PAINT TRANSFER & CIRCULATION	AUTOMATIC COATING (SINGLE GUN)	AUTOMATIC COATING (PLURAL GUNS)	APPLICATIONS
AIRLESS UNIT	ALS 333 C	plunger			●				●		
	ALS 433 C	plunger			●				●		
	ALS 453 C	plunger			●				●		
	ALS 423 TX	plunger			●				●	●	
	ALS 433 TX	plunger			●				●	●	
	ALS 653	plunger			●				●	●	
	ALS 663	plunger			●				●	●	
MULTI SPRAY UNIT	MSU 113 N	plunger		●					●		
	MSU 321 N	plunger		●					●		
	MSU 323 C	plunger		●					●		
	MSU 323 CTX	plunger		●					●		
	MSU 423 TX	plunger		●	●				●	●	
	MSU 433 TX	plunger		●	●				●		
	MSU B193	bellows		●					●	●	
	MSU B303	bellows		●	●				●	●	
DDP	PPS B043	bellows	●			●		●	●	●	
	FPP 655	plunger					●				
	DPS 90 F	diaphragm	●						●	●	
	DPS 90 FN	diaphragm	●						●	●	
	DPS 120 B	diaphragm	●						●	●	
	DPS 120 B WB	diaphragm	●						●	●	

	MODEL	PUMP TYPE	SOLVENT BASED PAINT	WATER BASED PAINT	LOW VISCOSITY	MEDIUM VISCOSITY	HIGH VISCOSITY	HIGH VISCOSITY & THIXOTROPIC	PAINTS
AIRLESS UNIT	ALS 333 C	plunger	●		●	●			
	ALS 433 C	plunger	●		●	●			
	ALS 453 C	plunger	●		●	●			
	ALS 423 TX	plunger	●	●	●	●	●	●	
	ALS 433 TX	plunger	●	●	●	●	●	●	
	ALS 653	plunger	●		●	●	●		
	ALS 663	plunger	●		●	●	●		
MULTI SPRAY UNIT	MSU 113 N	plunger	●	●	●	●			
	MSU 321 N	plunger	●	●	●	●			
	MSU 323 C	plunger	●		●	●	●		
	MSU 323 CTX	plunger	●	●	●	●	●		
	MSU 423 TX	plunger	●	●	●	●	●	●	
	MSU 433 TX	plunger	●	●	●	●	●	●	
	MSU B193	bellows	●	●	●	●	●	●	
	MSU B303	bellows	●	●	●	●	●	●	
DDP	PPS B043	bellows	●	●	●	●	●	●	
	FPP 655	plunger	●				●		
	DPS 90 F	diaphragm	●		●	●			
	DPS 90 FN	diaphragm	●	●	●	●			
	DPS 120 B	diaphragm	●		●	●			
	DPS 120 B WB	diaphragm	●	●	●	●			

MULTI X



MULTI X

Air Assisted Airless Spray Gun



- Fluid pattern adjustment up to 30%
- Easy adjustment of the spring force according to the pressure of the fluid sprayed
- Easy maintenance: (disassembling of the needle from the back)
- Suitable for solvent and water based paints
- Suitable for low - medium - high viscosity paints and thixotropic paints
- Paint passage parts in Stainless Steel
- Needle valve in Tungsten Carbide



Easy cleaning:
the fluid tip can be inverted
inside the air cap
(tool supplied with the gun)

NOZZLE TIP RANGE

ORIFICE SIZE Ø (inches)	AVAILABLE							FLUID OUTPUT (ml/min)
	15°	20°	25°	35°	40°	50°	65°	
.007"			•	•	•			176 - 220
.009"		•			•	•	•	240 - 300
.011"			•		•	•	•	300 - 380
.013"			•		•	•	•	480 - 560
.015"	•		•		•	•	•	620 - 700
.018"			•		•	•		1000 - 1060
PATTERN WIDTH (25 cm distance)								
	08-12	10-14	10-14	12-16	14-18	18-22	22-26	

How to order: W2TIP + Ø orifice size (take off first zero) + desired angle (in degrees)
For example: W2TIPO725 to have a tip 0,007" with a 25° angle



CE II 2 G X

Model				
MULTI X	540	150	7.0	200

USE											
MULTI X											

HTE
HIGH TRANSFER
EFFICIENCY

AZ 10 HTE

Suction

THATCHAM **EPA**
THE BRITISH INSURANCE
PURITY RESEARCH CENTRE

CERTIFICATE OF COMPLIANCE

We certify that we have tested (Report Number: **TE002**) the **Air GUNSA AZ 10 HTE Suction Spray Gun** manufactured by **Air GUNSA s.r.l.**, in accordance with prEN 13966-1 Method 2 - tests for paint transfer efficiency (by weight) and that the spray gun complies with the requirements of the UK Environmental Protection Act 1990, Part 1 - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/41(94).

Water Based Base Coat	79.7%
2K HS Lacquer (Clearcoat)	76.7%
2K VHS Primer	93.5%

Signed for MIRRC THATCHAM:

.....Ken Roberts

Research & Operations Director

THATCHAM

THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.

Date of Issue
August 20

AZ 10 HTE PC

Pressure

AZ 10 HTE SP

Pressure

Also available
AZ 10 HTE SP W

with fluid nozzle + fluid needle set
in Tungsten Carbide

ideal for ceramic enamel applications

Model	 Ø mm	 bar	 Nl/min	 m³/min	 mm		 g	
AZ 10 HTE	1.0	2.5	210	90	150	460	AZ10 HTE 790	
	1.3		210	150	190		AZ10 HTE AV 800	
	1.5		210	200	200			
	1.8		280	230	230			
	2.0		280	260	260			
	2.5		290	290	290			
	3.0		300	300	300		AZ10 HTE SE 910	
AZ 10 HTE SP	0.8	2.5	210	150	190	480	NO	
	1.0		210	150	200			
	1.3		210	200	230			
	1.5		210	200	240			
	1.8		280	250	280			
	2.0		280	250	290			
	2.5		290	300	300			
AZ 10 HTE PC	1.5	2.5	180	-	300 400	970		
	1.8		250	-				
	2.0		250	-				
	2.5		190	-				

Max. Working Pressure: 7.0 bar (100 PSI)

AZ10 HTE and AZ10 HTE SP: Noise Level (LAeqT) 75.2 dB (A)

Temperature range: 5~40° C

AZ10 HTE PC: Noise Level (LAeqT) 73.7 dB (A)

Air nipple: G 1/4"

AZ10 HTE: Fluid nipple: G 1/4"

AZ10 HTE SE: Fluid nipple: G 3/8"

[illegible]

AZ 30 HTE

High Performance Spray Gun



AZ 40 HTE

Gravity Spray Gun



HTE
HIGH TRANSFER
EFFICIENCY

AZ 40 HTE SP

Pressure Spray Gun

NEW inlet Air Valve

Model	AZ30 HTE
Test Board	Efficienza di trasferimento I.P.A.
Date	25/04/2005
Transfer efficiencies achieved with the materials detailed in the test report were:	
TWO COAT SYSTEM	THREE COAT SYSTEM
PRIMER 88 %	PRIMER 88 %
SOLID COLOUR 72 %	BASE COAT 83 %
	CLEARCOAT 74 %
SYSTEM 80 %	SYSTEM 82 %

PG6/41(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

Water Based Base Coat 72.1%
2K HS Lacquer (Clearcoat) 75.7%
2K VHS Primer 93.0%

Signed for MIRRC THATCHAM:

Ken Roberts

Research & Operations Director

THATCHAM

THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Colthrop Way, Thatcham, Berkshire, RG19 4NR U.K.

Date of Issue
August 2001

COMPLIANCE

the Air Guns AZ 40 HTE s.r.l. in accordance with (by weight) and that the Environmental Protection Act

Model	Ø mm	bar	Nl/min	ml/min	mm	No.	g
AZ 30 HTE	1.0	2.5	245	80	150	10 HP	490 only gun
	1.3		245	175	225	13 HP	
	1.5		250	220	260	15 HP	
	1.8		270	280	325	18 HP	
	2.0		270	315	350	20 HP	

Max. Working Pressure: 7.0 bar (98 PSI)

Noise Level (LAeqT) 73.5 dB (A)

Temperature range: 5~40° C

Air nipple: G 1/4"

Fluid nipple: G 1/4"

Model								
AZ40 HTE	0.8	2.5	130	60	100	510	PCG AZ 600 140	
	1.0		130	90	110			
	1.2		130	120	130			
	1.5		170	170	140			
	1.8		200	210	150			
	2.0		200	230	160			
AZ40 HTE AV	0.8	2.5	130	100	150	415	NO	
	1.0		130	100	160			
	1.2		130	150	170			
	1.5		170	200	190			
	1.8		200	250	200			
	2.0		200	250	210			
AZ40 H SPTE	0.8	2.5	130	100	150	425 AZ 40 HTE SP AV	NO	
	1.0		130	100	160			
	1.2		130	150	170			
	1.5		170	200	190			
	1.8		200	250	200			
	2.0		200	250	210			

Max. Working Pressure: 7.0 bar (98 PSI)

Noise Level (LAeqT) 75.6 dB (A)

Temperature range: 5~40° C

Air nipple: G 1/4"

Fluid nipple: G 1/4"

CE II 2G T6 X

USE	1	2	3	4	5	6	7	8	9	10
AZ 30 HTE										
AZ 40 HTE										



HTE
HIGH TRANSFER
EFFICIENCY



Round Pattern Gravity Spray Gun

CERTIFICATE OF COMPLIANCE

We certify that we have tested the Air Guns A23 HTE Gravity Spray Gun in accordance with pREN 13966-1 Method 2 - Tests for transfer efficiency and that this spray gun complies with the requirements of the Environmental Protection Act 1990, Part I - 1997 Revision as detailed in PG634(97), PG623(97), PG640(94), PG641(94).

Transfer efficiencies achieved with the materials detailed in the test report were:

PRIMER	93.8%
SOLID COLOUR	78.4%
BASECOAT	81.5%
CLEAR LACQUER	77.9%

Signed for MIRRC THATCHAM:  M. Smith
Chief Executive

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

Coltrop Way, Thatcham, Berkshire, RG19 4NR U.K.

Model	 Ø mm	 bar	 N2/min	 m3/min	 mm	 No.	 g
AZ 3 HTE AZ 3 HTE AV	1.0	2.0	200	80	170	*5110	680
	1.3			150	240	*5113	
	1.5			190	260	*5115	
	1.8			205	260	300	
	2.0	205	265	310	*5120	710	
	2.5	279	424	340	*1400		
	2.8	291	427	350	*3300		
	3.0	288	489	360	*1500		
	3.5	307	490	340	*1600		

*W201013xxx

Air nipple: G 1/4"

Fluid nipple: G 1/4"

AZ 5	0.3	3.0	130	19.6	100	-	372
	0.5			26.9	110	-	
	0.8			41.6	130	-	
	1.0		170	62.9	140	-	

Air nipple: G 1/4"

Fluid nipple: G 1/4"

[illegible]



AE 7

Spray Gun

- Sprayer for mixed air and water
- Suitable for all washing and cleaning operations
- It is possible to control the quantity of liquid used and have a concentrated spray

Air joint	1/4" BSP M
 Total weight	840
 Air consumption	294 l/min a 6 bar
Fluid connection	3/8" BSP M
Fluid nozzle extension	210 mm



SP8

Blow Gun

Model	S8	SP8
 Total weight	275	350
 Air consumption	175 l/min a 6 bar	
Fluid nozzle extension	-	240 mm
Air joint	G 1/4" M	
Alluminium body		



S8

Blow Gun

**Blowing equipment
for removing dust and powder.
Suitable for garages
and industry in general.**



GI10 TDP/TLS

Tyre Inflating Equipment



**High precision pressure gauge
according to E.C. regulations**

- reading scale from 0 to 10 bar
- reading precision $\pm 1\%$ up to 4 bar



P6 - PL6

P6 fluid nozzle extension 260 mm

PL6 fluid nozzle extension 500 mm

Sprayer for oil, fuel, petroleum and detergents. Suitable for washing, graphitizing and lubricating operations



ST 1 - ST 1S - ST

Sandblasting gun

ST 1

- Sandblasting gun with container
- Suitable for small jobs

ST 1S

- Self-priming sandblasting gun
- Suitable for treating medium-small areas

ST

- Self-priming sandblasting gun
- Suitable for treating large areas



AZ PVA - AZ PVA TN

Spray Guns for Body Coatings

AZ PVA

Spray Gun, with suction feed and internal mixing. Suitable for applying body coatings and dense materials.

AZ PVA TN

Spray gun, with suction feed and internal mixing. Suitable for applying soundproofing coatings to be used with pre-packed paintpot.



Mix&Spray

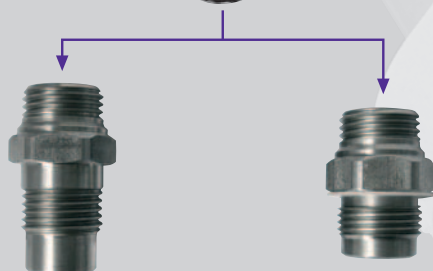
Rigid Gravity Cup System

- Environmentally friendly.
- Only one container for Mixing and Spraying.
- Graduated Mixing Cup.
- Minimum use of v.o.c. required.
- Maximum speed of paint preparation.
- The only disposable cup approved for use with ANEST IWATA and AIR GUNSA Spray Guns.
- No change of fluid output due to the special air valve.
- Anti drip system.
- Very low cost.
- Save on cleaning time and cleaning materials.
- Recyclable or reusable.
- No waste of paint inside the cup at the end of paint spraying thanks to the smooth inner surface.



Adaptors

For Mix&Spray Cup



W2COM5017
Sata

W2COM518K
DeVilbiss

gasket



USE											
Mix&Spray Cup											
Adaptors											



Heat T.E.C. Series

Short Wave Infra-red lamps



**Available with distance sensor
or with distance
and temperature sensor**

Average curing specifications

- Filler/stopper 4-6 minutes
- Primer 6-8 minutes
- Top coat 10-12 minutes

Electrical specifications

Heat T.E.C. 1000

- 220/240 Volt 1KW
- 50Hz single phase - 4.25 amps
- 110/120 Volt also available

Heat T.E.C. 3000

- 220/240 Volt 3KW
- 50Hz single phase - 12.50 amps

Heat T.E.C. 4000

- 220/240 Volt 4KW
- 50Hz single phase - 17.00 amps

Heat T.E.C. 4500

- 220/240 Volt 4,5KW
- 50Hz single phase - 18.75 amps

or

- 380/415 Volt 4,5KW
- 50Hz three phase

Heat T.E.C. 6000

- 220/240 Volt 6KW
- 50Hz single phase - 25.00 amps

or

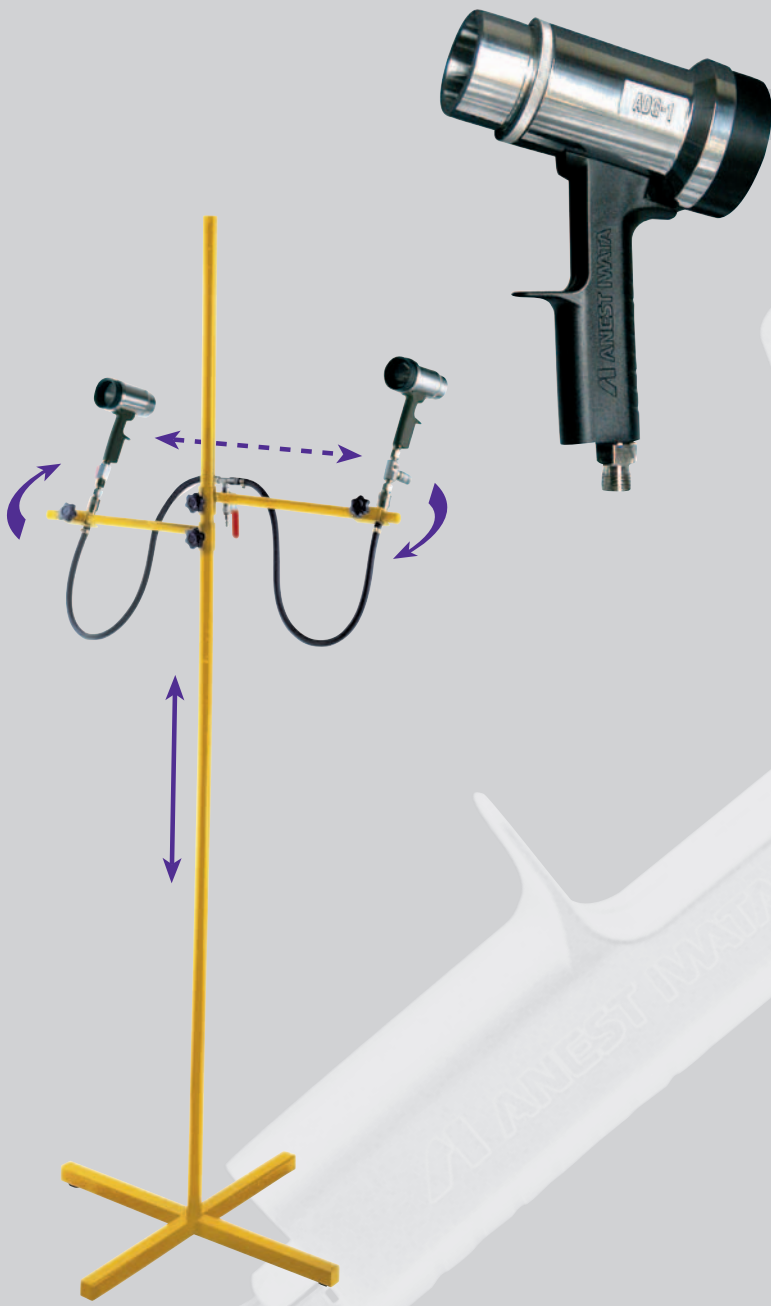
- 400/415 Volt 6KW
- 50Hz three phase



Heat T.E.C. 1000

Short Wave Infra-red lamp
Hand held model with separate stand

[illegible]



Aquadry

Indispensable Kit
for the Accelerated Drying
of Waterbased Coatings

- The guns are provided with quick couplings which allow fast disassembly.
- Air regulator included
- Guns are easily adjustable
- Each gun can be used independently
- Venturi air entrainment increases air flow by 6:1
- The stand has a slide and lock height adjustment.
The gun brackets can be moved along the length of the arm and positioned to suit.
The height of stand is 180 cm
The width of arm is 80 cm (38,5 each side), and it supports 2 aquadry guns
- Variable air flow
- Max pressure: 7 bar
- Max air consumption: 2 x 600 l/min

CE

USE												
Aquadry												



Paint Heater

Model 32X1R and 32X2R

This equipment has been designed to solve the problem of the low temperatures while painting, to guarantee:

- Considerable reduction of paint viscosity
- Maximum thickness of paint film and less fluid passages
- Reduction of pressure and better spray atomization
- Reduction of solvent consumption
- Reduction of drying time

The paintheater has been designed in observance of the antideflagration regulations, it also allows use of various kinds of paints and solvents, thanks to the use of Stainless Steel.

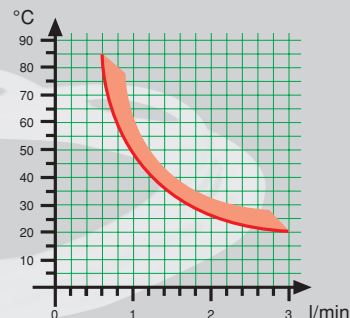
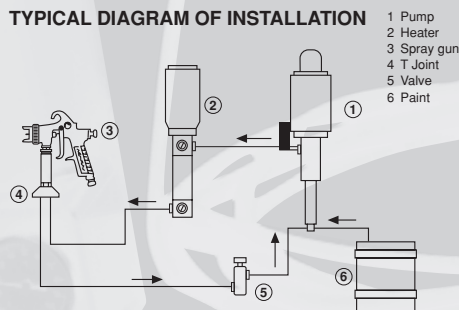


32X1R



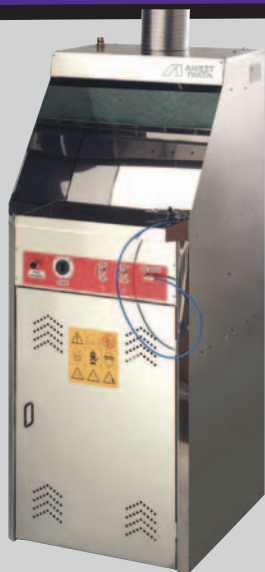
32X2R

TYPICAL DIAGRAM OF INSTALLATION



CE  EEx de II BT3 PTB No. EX-94.C.1060

[illegible]



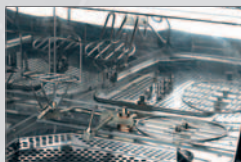
Inox Line SOL mod. SLD

- Stainless Steel Electroclean Body and Tank
- Automatic wash with clean solvent rinse
- Manual wash available
- Test booth and exhaust
- Drying gun
- Possible to connect to a Distiller



Inox Line AQUA mod. ILA

- Stainless Steel (Electroclean) Spray Gun Washer
- Available for automatic and manual washing and final rinse
- Equipped with diaphragm pump for automatic washing and Venturi pump for manual washing
- Includes blowing gun
- Water/paint separation device
- Brush connected to water supply
- The unit incorporates an exhaust system for colour spray tests



CE Ex II 2 G X

USE											
Inox Line Sol mod. SLD											
Inox Line Aqua mod. ILA											



Inox Line SOL mod. ILD Gun Wash DISTILLER

- Totally pneumatic
- Safety valve stops washer if wash chamber lid is opened during operation
- Stainless Steel Electroclean Body and Tank
- Automatic wash with clean solvent rinse
- Manual wash available
- Test booth and Venturi exhaust system
- Drying gun

MODEL	Inox Line SOL GUN WASH DISTILLER
capacity	12 litres
operating temperature	from 180 to 220 °C
cycle time	3÷4,30 hours
power rating	1,04 Kw
protection	EEx od IIB
temperature level	T2
flammable solvent	yes
non flammable solvent	yes
external dimension	73x127x139 cm
total weight	180 kg

CE ϵ_x II 2 G X

[illegible]



IWK COMBI

SOL B - SLB

This machine with suction feed is provided with an exhaust, outer supporting bench for guns and a lower manhole. It also has a timer-controlled diaphragm pump for automatic washing, a nozzle, and a compressed-air-hose for final manual washing and small spraying work.

SOL C - SLC

This machine is equipped as the IWK SOL B model, with an additional diaphragm pump for final automatic rinsing.

IWK H₂O

Spray Gun Washer

IWK H₂O



SPRAY GUN WASHER IWK H₂O

air pressure	8 bar min - 10 bar max
operation	pneumatic
exhaust duct diameter	cm 15
useful dimensions of washing tank	cm 50 x 40 x 27h
external dimension	cm 45 x 66 x 133,5h
total weight	44 kg

CE II 2 G X

USE										
IWK Combi										
IWK H ₂ O										



REFINISHING KIT MASTER

- High T.E.C. Spray Gun
- M&S CUP (600 cc):
 - 3 cups + 3 inner lids + 3 knobs + 3 plugs
 - 1 paint filter 125 μ
 - 1 paint filter 250 μ
 - 1 screen paint filter 125 μ for inner lid
 - 1 cup holder + 1 ring
- PCG6 PE: 600 cc cup + lid
- Central gravity Gun Holder
- Impact Controller
- Cleaning brushes - spanner

EXAMPLE



REFINISHING KIT PRO

- High T.E.C. Spray Gun
- M&S CUP (600 cc):
 - 3 cups + 3 inner lids + 3 knobs + 3 plugs
 - 1 paint filter 125 μ
 - 1 paint filter 250 μ
 - 1 screen paint filter 125 μ for inner lid
 - 1 cup holder + 1 ring
- PCG6 PE: 600 cc cup + lid
- Cleaning brushes - spanner

EXAMPLE



SPRAY GUN CASE COMBINATION

- Plastic Gun Case for Mix & Spray Cup
- High T.E.C. Manual Spray Gun W400 142G ϕ 1.4 Gravity Feed LV2
- AZ 3 HTE Gravity Spray Gun
- AZ 40 HTE Gravity Spray Gun with 200 cc Cup
- Air Regulator with pressure gauge

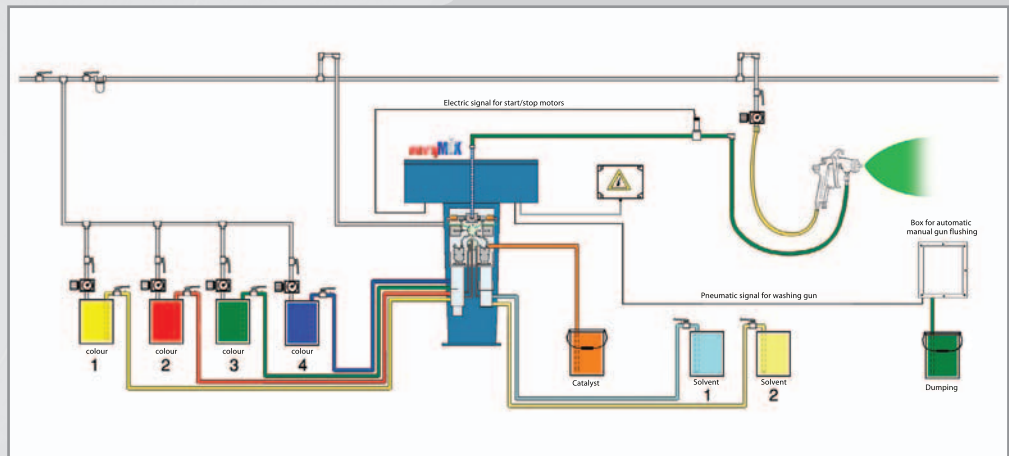
EXAMPLE

ELECTRONIC PROPORTIONING SYSTEM FOR DUAL COMPONENT PAINT



EASY MIX

- Mixing ratio from 1:1 to 100:0
- Mixing ratio tolerance under $\pm 0.1\%$
- Dosing by gear pumps
- All the parts in contact with fluid in stainless steel
- Different gear pumps for different paint output
- Easy programming with latest generation software
- Different levels of software access:
 - 1) operator
 - 2) paint shop manager
 - 3) software provider
- Pot Life Control System: electronic monitoring of the pot life from the mixing to the gun, with automatic alarm and purge
- Excess pressure sensor for total reliability
- Max pressure 16 bar
- Automatic pot flushing system



CE

[illegible]

Electronic Mixing System

Easy to use with ratio tolerance of 1%

- Mixing ratio from 1:1 to 100:8
- Max. error tolerance: $\pm 1\%$
- Dosing by flow meters system
- Max. working pressure:
1,0 Mpa (10 bar) conf. low pressure
25 Mpa (250 bar) conf. high pressure (AirMix / Airless)
- Air feed pressure: 0,8 Mpa (8 bar)
- Output: from 0,080 to 10 litres/min
- Material: AISI 303, 304, Teflon, Tungsten Carbide
- Settable with 49 different recipes
- Up to 8 colours and 3 catalysts
- Automatic Washing for Pot-Life superseded
- Consumed volumes report (partial and total)
- Alarm report
- Alarm to warn when tanks are empty
- Cleaning System with air and solvent (air mod. 1 Mpa only)
- Compatible with water based paint
- Possible to feed more than one spray gun at the same time (manual and/or automatic)



CE

[illegible]

iwata
CM
Custom Micron
Absolute Precision for the Elite Professional

Hi-Line
Hi-Control of Hi-Precision Work
iwata

iwata
High Performance
High-Precision, High-Detail Work
plus

iwata
Eclipse

Ultimate Versatility, Reliability and Performance

iwata
Revolution

Quality, Performance and Value

iwata COMPRESSORS

MEDEA



Our airbrush range is worthy of your attention:
it has been chosen by some of the top
and renowned artists in the world.

Artists trust IWATA because they know
they can find in our products
the quality they are expecting.

In order to help them express
their ideas and emotions,
we produce and distribute
the most innovative high quality airbrushes,
designed and tested by artists for artists.

While all Iwata products are designed
and manufactured
to the highest standards
without compromise,
each series has a distinct advantage
for different types of applications.



For the elite professional who demands precise and accurate control of very detailed spraying the Custom Micron Series is built to be the "best of the best" hand-tested and adjusted by the world's leading airbrush technicians.



CM-C PLUS

- Ø 0,23
- Capacity: 7,0 ml
- Type: double action
- Replaceable Teflon™ needle packing
- Pre-set cut-away handle
- Adjustable main lever tension



CM-C

- Ø 0,23
- Capacity: 9,0 ml
- Type: double action
- Pre-set handle
- Adjustable main lever tension
- Crown cap



CM-B

- Ø 0,18
- Capacity: 1,8 ml
- Type: double action
- Pre-set handle
- Adjustable main lever tension
- Crown cap



CM-SB

- Ø 0,18
- Capacity: 3,8 ml
- Type: double action
- Pre-set handle
- Adjustable main lever tension
- Crown cap

RIGHT OR LEFT HAND CUP POSITION

USE										
CM-C Plus										
CM-C										
CM-B										
CM-SB										

Featuring the ultimate in air control directly at the nozzle with Iwata's new Micro Air Control (MAC) Valve Technology, the Hi-Line Series doesn't just change air pressure instantly - it changes the way you airbrush. Designed for artists who need extreme control of detailed spraying, this series uses larger diameter threads on the nozzle than the High Performance Series. This makes the nozzle much stronger when tightening it onto the airbrush and ensures better centering of the nozzle when it screws onto the airbrush body.



HP-AH

- Ø 0,20
- Capacity: 0,4 ml
- Type: double action



HP-BH

- Ø 0,20
- Capacity: 1,5 ml
- Type: double action



HP-CH

- Ø 0,30
- Capacity: 7,0 ml
- Type: double action



HP-TH

- Ø 0,50
- Capacity: 15 ml
- Type: double action
- Teflon™ needle packing
- Pre-set handle
- Round pattern air cap
- Flat pattern air cap

[illegible]

Renowned as the professional's workhorse the popular High Performance Series has been improved and renewed with these inspired new features:

- Dual-purpose, cutaway and pre-set handle for easy clean up and precise control of paint flow
- Teflon™ needle packing for automotive or other solvent-based paints
- Larger threads on the nozzle offer a more secure fit and better centering of the nozzle
- Redesigned tapered gravity-feed cups ensure easy clean up and more efficient paint flow
- Single-piece auxiliary lever/needle-chucking guide provides easy assembly



HP-AP

- Ø 0,20
- Capacity: 0,4 ml
- Type: double action



HP-BP

- Ø 0,20
- Capacity: 1,5 ml
- Type: double action



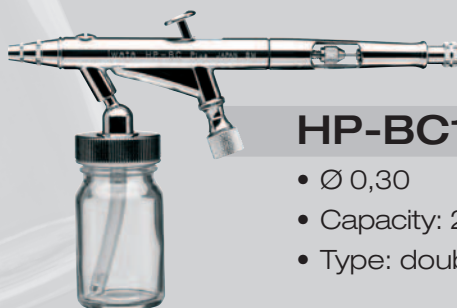
HP-CP

- Ø 0,30
- Capacity: 7,0 ml
- Type: double action



HP-SBP

- Ø 0,20
- Capacity: 1,5 ml
- Type: double action



HP-BC1P / HP-BC2P

- Ø 0,30
- Capacity: 20 ml
- Type: double action



USE														
HP-AP														
HP-BP														
HP-CP														
HP-SBP														
HP-BC1P/2P														

On canvas of various types and sizes.

HP-G6

- Ø 0,60
- Capacity: 112 ml

HP-BS

- Ø 0,30
- Capacity: 1,5 ml
- Type: double action

HP-CS

- Ø 0,30
- Capacity: 7,0 ml
- Type: double action

HP-SBS

- Ø 0,30
- Capacity: 1,5 ml
- Type: double action

HP-BCS

- Ø 0,50
- Capacity: 28 ml
- Type: double action

[illegible]

Designed for artists of all levels, the REVOLUTION line of airbrushes represents the highest quality at a reasonable price.

As a result of high technology and high performance, these airbrushes are by far, more superior than others found in the same price range.


HP-BR

- Ø 0,50
- Capacity: 1,5 ml
- Type: double action


HP-CR

- Ø 0,50
- Capacity: 7,0 ml
- Type: double action


HP-AR

- Ø 0,30
- Capacity: 0,4 ml
- Type: double action


HP-BCR

- Ø 0,50
- Capacity: 28 ml (bottle type)
- Type: double action


HP-SAR

- Ø 0,50
- Capacity: 28 ml (bottle type)
- Type: single action


HP-TR1

- Ø 0,30
- Capacity: 7,0 ml
- Type: double action


HP-TR2

- Ø 0,50
- Capacity: 15 ml
- Type: double action

USE															
HP-AR															
HP-BR															
HP-CR															
HP-BCR															
HP-SAR															
HP-TR1															
HP-TR2															

Now available for the beginning or casual airbrush user, Iwata Studio Series Compressors utilize the latest technology to fulfill your every airbrushing need. It has never been easier to start with Iwata since all Studio Series Compressors are sold complete with fittings, filters, airhoses and an adapter to fit any airbrush.



IS 50 Silver Jet

- Motor: W 140-110
- Max. pressure bar: 1,3
- Air delivery l/min: 9,3
- Mass kg: 2,9
- Dimensions: mm 150 x 155 x180
- Standard 4m coil hose (HPA-CH41)



IS 850 Smart Jet

- Motor W 91
- Max. pressure bar 2,4
- Air delivery l/min 18
- Mass kg 3,6
- Dimensions mm 250 x 180 x 160
- Standard 3m air hose (HPA-SH32)



IS 875 Smart Jet Pro

- Motor W 91
- Max. pressure bar 2,4
- Air delivery l/min 18
- Mass kg 6,4
- Dimensions mm 265 x 310 x 155
- Standard 3m air hose (HPA-SH32)



IS 925 Power Jet Lite

- Motor W 125
- Max. pressure bar 4,8
- Air delivery l/min 34
- Mass kg 7,9
- Dimensions mm 265 x 310 x 155
- Standard 3m air hose (HPA-SH32)



IS 975 Power Jet Pro

- Motor W 125
- Max. pressure bar 4,8
- Air delivery l/min 34
- Tank size 2L
- Mass kg 11,9
- Dimensions mm 330 x 230 x 180
- Standard 3m air hose (HPA-SH32)



Smart Jet Technology

- Compressor shuts itself off automatically when not in use
- Less heat-related moisture build-up
- Produces full-capacity air on demand
- Reduces running time
- Less motor wear means longer compressor life
- Inherently quieter in public environments



2x SPRINT Jet Power

- Zero-maintenance, oil-less piston compressor
- Powerful 1/6-hp motor
- Airflow 1.2 CFM (34pmM)



Freehand[™] AIRBRUSH TEMPLATES

SOLVENT PROOF!
Easily used with water-based
and solvent-based paints.

The Artool[™] Freehand[™] Airbrush Templates are a real asset to anyone who uses an airbrush. These SOLVENT PROOF templates can be easily flexed or curved around irregular shaped surfaces and cleaned with solvents without being damaged. Delineate shapes by matching the contours of the Freehand[™] Airbrush Templates with the subject matter. Simply rotate or flip-flop the Freehand[™] Airbrush Templates to find the shape that works best or raise the template slightly to create a soft edge. However you use these templates, you're sure to create something great!



iwata

MEDEA

Nail - Art

Nail painting has reached levels of intricacies that had only been dreamed about before the advent of the airbrush. Today, detailing nails is easier than ever with the fine, precise control of Iwata airbrushes.



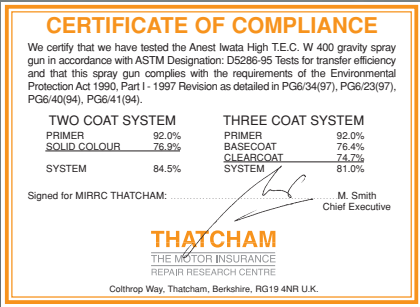
Body - Art

The airbrush has become a significant tool for progressive beauty professionals. It is commonly used in the film industry and is now finding a home in the modern make-up artist's repertoire, creating flawless glamour looks on all skin types, including difficult complexions.



Environmental Protection Act

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE



Anest Iwata Spray Guns
W 200
W 300
W 400
W 400 WB
WA 100
WA 200
WRA 200

Airgunsa Spray Guns
AZ3 HTE
AZ10 HTE
AZ40 HTE

IPA Fraunhofer Certification

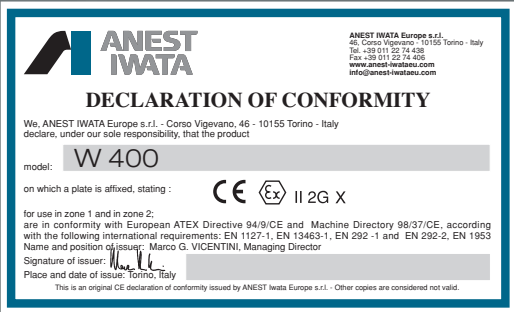


Anest Iwata Spray Guns
W 400
W 400 WB
NEW 71
NEW 77

Airgunsa Spray Guns
AZ 30 HTE

CE ATEX Declaration Of Conformity

European Directives: 1994/9/CE - 1999/92/CE



ALL PRODUCTS

CE mark permitted by the European Commission to show compliance with all EU directives applicable to a product.

ATEX mark to show suitability for explosive atmospheres.

Product group II (Surface equipment)

Explosion risk due to presence of GAS

Special precautions in instruction manual.



Presence of EXplosive ATmosphere	zone	product category
Constant	0	1
Occasional	1	2
Minimum/Short period	2	3



- Illustrators
- Illustrazione
- Illustration

Fine Art
Belle Arti
Beaux Arts

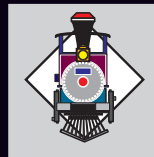
Photo retouchers
Fotoritocco
Retouches de photo



- Planes
- Aeromodellismo
- Aéromodélisme



- Students
- Studenti
- Étudiants



- Trains
- Trenini
- Trains



- Textile - T-shirts
- Tessuti - T-shirt
- Textile - T-shirts



- Figurines - Miniatures
- Soldatini - Miniature
- Figurines - Miniatures



- Ceramics
- Ceramica
- Céramique



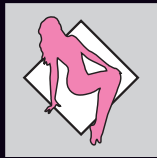
- Model builders - Dioramas
- Prototipi - Diorama
- Maquettes - Modèles réduits



- Murals
- Murales
- Muraux



- Hobby - Craft
- Hobby - Artigianato
- Hobby - Artisanat



- Body- Art
- Body- Art
- Tatouage éphémère



- Wood carving
- Intarsio e pittura legno
- Sculpture sur bois



- Nail- Art
- Nail- Art
- Onglerie



- Taxidermy
- Tassidermia
- Taxidermie



- Tanning
- Abbronzanti
- Bronzage



- Sign painting
- Insegne e cartellonistica
- Enseigne et signalisation



- Cosmetics
- Cosmetica
- Maquillage



- Auto graphics
- Aerografia auto
- Tuning



- RC cars
- Automodellismo dinamico
- Voitures télécommandées



- Spot repair
- Piccole riparazioni
- Petites réparations



- Plastic
- Plastica
- Plastique
- Kunststoff
- Plast
- Plástico
- Plástica



- Furniture
- Mobili
- Meubles
- Möbel
- Möbel
- Muebles
- Mobiliário



- Door/window-frames
- Serramenti
- Chassis porte/fenêtre
- Türen/Fensterrahmen
- Dörrsch Fenster
- Puertas/marcos ventanas
- Porta/janelas



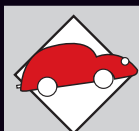
- Footwear
- Calzature
- Chaussures
- Schuhe
- Skor
- Calzado
- Sapatos



- Leather
- Pelletteria
- Cuir
- Leder
- Läder
- Cuero
- Peles



- Chairs
- Sedie
- Chaises
- Stühle
- Stolar
- Sillas
- Cadeiras



- Body shop
- Carrozzeria
- Carrosserie
- Karosseriewerkstatt
- Bil
- Carroceria
- Carroçaria



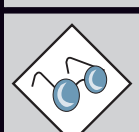
- Ceramics
- Ceramica
- Céramique
- Keramik
- Keramik
- Cerámica
- Cerâmica



- Car assembly
- Montaggio auto
- Construction auto
- Fahrzeugmontage
- Bil monterig
- Automoción
- Montagem de carros



- Ship building
- Industria navale
- Industrie navale
- Schiffbau
- Varvsindustri
- Industria naval
- Industria naval



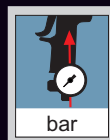
- Glasses
- Occhiali
- Lunettes
- Glas
- Glasogon
- Vidros
- Cristales



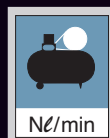
- General industry
- Industria generica
- Industrie générale
- Allgemeine Industrie
- Generell industri
- Industria general
- Industria geral



- Nozzle orifice
- Diametro ugello
- Buse
- Düsendurchmesser
- Munstycksdiameter
- Diámetro pico
- Diâmetro do bico



- Air pressure
- Pressione aria
- Pression d'air
- Luftdruck
- Lufttryck
- Presión aire
- Pressão de ar



- Air consumption
- Consumo aria
- Débit d'air
- Luftverbrauch
- Luftförbrukning
- Consumo aire
- Consumo de ar



- Fluid output
- Uscita materiale
- Débit produit
- Materialausfluss
- Material flöde
- Producción material
- Saida de material



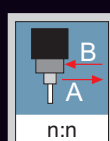
- Pattern width
- Larghezza ventaglio
- Largeur de jet
- Spritzstrahlbreite
- Sprutbredd
- Ancho abanico
- Largura de leque



- Air cap set
- Ugello aria
- Chapeau
- Luftdüse
- Luftmunstycke
- Boquilla
- Espalhador



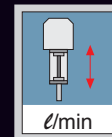
- Max. fluid pressure
- Max. pressione materiale
- Pression maxi. produit
- Max. Materialdruck
- Max. material tryck
- Máxima presión fluido
- Máxima pressão do bico



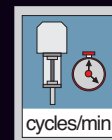
- Pressure ratio
- Rapporto di pressione
- Rapport de pression
- Druckangabe
- Tryckförhållande
- Relación de presión
- Pressão de proporção



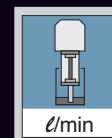
- Max fluid pressure
- Pressione massima fluido
- Pression maxi. produit
- Max. Materialdruck
- Max. material tryck
- Máxima presión fluido
- Máxima pressão de saída



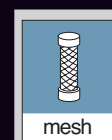
- Delivery/cycle
- Portata per ciclo
- Volume/cycle
- Durchsatz/Zyklus
- Mängd/cykel
- Reparto/ciclos
- Ciclo da entrega



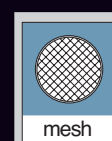
- N° of cycle per minute
- N° di cicli al minuto
- N° de cycle/min
- Anzahl Zyklen/Minute
- Antal cykler per minut
- N° de ciclos por minuto
- Numero de ciclos por minuto



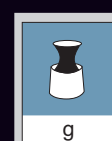
- Max fluid delivery
- Portata massima fluido
- Débit maximum
- Max. Materialdurchsatz
- Max. material utsläpp
- Caudal máximo de fluido
- Máximo fluido de distribuição



- Suction filter
- Filtro in aspirazione
- Filtre aspiration
- Filter f. Saugsystem
- Sugfilter
- Filtro succión
- Mala do filtro



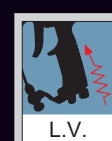
- Suction filter
- Filtro in aspirazione
- Filtre aspiration
- Filter f. Saugsystem
- Sugfilter
- Filtro succión
- Mala do filtro



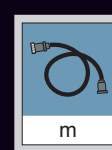
- Weight
- Peso
- Poids
- Gewicht
- Vikt
- Peso
- Peso



- Gun inlet voltage
- Voltaggio in entrata
- Tension d'entrée
- Eingang Spannung
- Ingående spänning
- Voltaje entrada



- Gun outlet voltage
- Voltaggio in uscita
- Tension sortie
- Ausgang Spannung
- Utgående spänning
- Voltaje salida



- Hose length
- Lunghezza tubo
- Longueur tuyau
- Schlauchlänge
- Slang längd
- Largo cable





ANEST IWATA Italia

Corso Vigevano, 46
10155, Torino - Italy
Tel.+39 011 22 74 400/3
Fax +39 011 85 19 44

info@anest-iwata.it
www.anest-iwata.it



ANEST IWATA France

25 rue de Madrid
38070 Saint Quentin Fallavier - France
Tél. +33 (0)4 74 94 59 69
Fax +33 (0)4 74 94 34 39

info@anest-iwata.fr
www.anest-iwata.fr



ANEST IWATA U.K.

Unit 10, Little End Road, Eaton Socon
St. Neots, Cambridgeshire - PE19 8JH
Tel. +44 (0)1480 40 54 19
Fax +44 (0)1480 21 76 10

enquiries@anest-iwata.co.uk
www.anest-iwata.co.uk



ANEST IWATA Scandinavia

Ögärdesvägen 6C,
433 30 PARTILLE - Sweden
Tel. +46 31 340 28 60
Fax +46 31 340 28 69

info@anest-iwata.se
www.anest-iwata.se



ANEST IWATA Europe

Sucursal España y Portugal

Avda.del Maresme, 44-46 Planta 2 OF. 25
08918 - Badalona - Barcelona
Tel. +34 93 32 05 993
Fax +34 93 32 05 564

info@anest-iwata.es
www.anest-iwata.es



ANEST IWATA Europe

Niederlassung Deutschland

Dorfäckerstr.23/1, 74248 Ellhofen
Tel. +49 (0)7134 91 73 68
Fax +49 (0)713491 73 78
Handy: +49 (0)172 62 74 542

info@anest-iwata.de
www.anest-iwata.de



ANEST IWATA Europe

Corso Vigevano, 46
10155, Torino - Italy
Tel.+39 011 22 74 438
Fax +39 011 22 74 406

info@anest-iwataeu.com
www.anest-iwataeu.com



ANEST IWATA CORP.

Yokohama - JAPAN
www.anest-iwata.co.jp



ANEST IWATA CORP.

Akita - JAPAN
www.anest-iwata.co.jp



AIR GUNSA s.r.l.

Cardano al Campo (VA) - ITALY
www.airgunsa.com

