

**World Leader
in Spray Painting
Technology**



**ANEST
IWATA**



...a new star will be born.





When Innovation becomes the Solution



ANEST IWATA is proud to introduce their new company brochure. Our customers and users can find among our products the solutions to many problems of coating applications, improving their working conditions, their safety and the efficiency of their work.

It is our belief that our company mission is to provide all users working in the industrial painting sector, with STATE OF THE ART technology and the constant innovation of equipment for the working process. The fine art, car refinish, wood, leather and plastic, are just a few of the industrial sectors which can be supported by our products and our advice.

ANEST IWATA's engagement is to achieve better finishing at a better cost. Our product range also offers users the perfect balance between the use of energy and the effect of the use of energy: in this way, those who choose **ANEST IWATA** become participants in a responsible process for preserving and ameliorating the world around us.

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

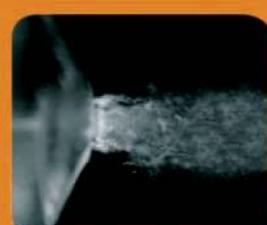


0,05 bar

0,1 bar

0,2 bar

0,3 bar



New Atomization Technology WB

Mix & Spray

Rigid Gravity Cup System



1

- 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



2



- 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



3



4



5



6





REFINISHING SPRAY GUNS



W 400 Gravity

Low air volume general purpose



W 400 WB

Low air volume
for water based base coat



PRE ATOMIZATION TECHNOLOGY

CE Ex II 2G X

USE	Automotive	Wood	Plastics	Leather	Furniture	Electronics	Automotive	Boat	Industrial
W 400 Gravity									
W 400 WB									

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 1 - 1997 Revision as detailed in PG6/34(97), PG6/23(97), PG6/40(94), PG6/40(94), PG6/41(94).

TWO COAT SYSTEM	THREE COAT SYSTEM
PRIMER 92.0%	PRIMER 92.0%
SOLID COLOUR 76.9%	BASECOAT 76.4%
SYSTEM 84.5%	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: TED1) 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 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:

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

Model	Ø mm	bar	Nl/min	m³/min	mm	No.	g
W400-082G	0.8	2.0	280	60	80	LV2	380 only gun
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			290	320	LV1	
W400-202G	2.0			360	460	R2	
W400-251G	2.5			360	580	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	
W400WB-161G	1.6			390	210	340	WB2

Air nipple: G 1/4"

Fluid nipple (gravity) M16 x 1.5mm

THATCHAM EPA

IPAF



SPOT REPAIR SPRAY GUNS

6



W 300 Gravity

Low air volume general purpose



W 300 WB

Low air volume
for water based base coat



PRE ATOMIZATION TECHNOLOGY



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

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"



W 200 Pressure

General purpose



W 200 Suction

Low air volume
general purpose



CE Ex II 2G X

USE										
W 200 Pressure										
W 200 Suction										

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

CERTIFICATE OF COMPLIANCE

We certify that we have tested the Anest Iwata High T.E.C. W 200 suction 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).

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

PRIMER	95.2%
SOLID COLOUR	79.9%
BASECOAT	73.8%
CLEAR LACQUER	77.4%

Signed for MIRRC THATCHAM: M. Smith
Chief Executive

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

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

Model							
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						
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"

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE
EPA



PRODUCTION SPRAY GUNS

8



W 200 WB

Pressure applications for water based base coat



PRE ATOMIZATION TECHNOLOGY



W 200 S18

Recirculating Spray Gun

FOR AUTOMOTIVE LINE

Model	 Ø mm	 bar	 Nl/min	 ml/min	 mm	 No.	 g
W200WB-81P	0.8	1.6	340	200	340	WB1	380
W200WB-101P	1.0			250	340		
W200WB-121P	1.2			300	380		

Air nipple: G 1/4"

Fluid nipple: G 3/8"

CE Ex II 2G X

W200 S18 1.0 3.0 560 500 360 G2P 450

Air nipple: G 1/4"

Fluid nipple: G 1/4" F



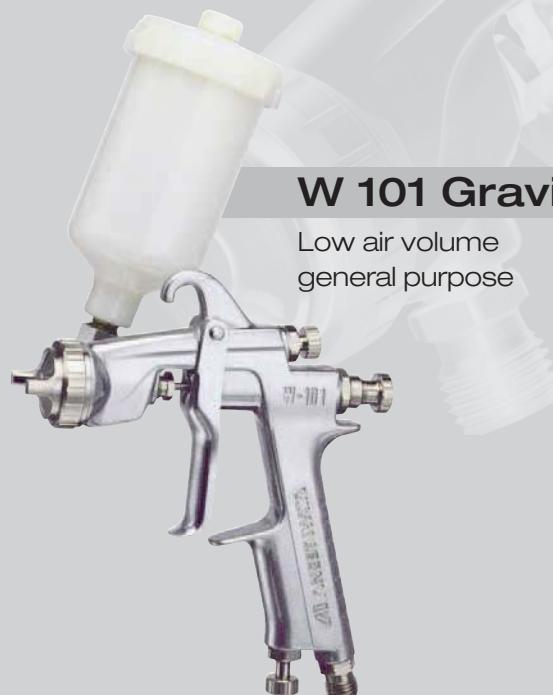
W 101 Pressure

Low air volume
general purpose



W 101 Suction

Low air volume
general purpose



W 101 Gravity

Low air volume
general purpose



CE Ex II 2G X

Model	Type of feed	0 mm bar Nl/min ml/min mm No. g	3.0	270 270 220 220 225 225 170 75 225 225 170	150 200 210 250 150 170 210 95 160 190 240	190 220 210 240 160 175 170 130 175 190 190	E2P E2P E2P E2P H2 H2 N1 E1 H2 H2 N1	295
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	295
W101-152S		1.5		225	170	175	H2	
W101-181S		1.8		170	210	170	N1	
W101-101G	gravity	1.0	2.5	75	95	130	E1	295
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	Painting	Wood paneling	Paneling	Plaster	Furniture	Automotive	Plastic	Coatings	Glass	Industry
W 101 Pressure										
W 101 Suction										
W 101 Gravity										



NEW 71

General purpose



NEW 77

General purpose



CE Ex II 2G X

Certificate

The Fraunhofer IPA certifies that the
ANEST IWATA New 71.0 spray gun
 fitted with a 0.8 mm nozzle
 applying a gun inlet pressure of 1.5 bar and a pump controlled paint feed
 of 220 g/min of a water-base wood stain

has been tested in accordance to EN 13966-1 (VDMA german technical rule 24 366) and
 found to have a transfer efficiency of 87%.

January 2006

 Dipl.-Ing. (FH) S. Paußnig
 Responsible Scientist

Fraunhofer
 Institut
 Produktionstechnik
 und Automatisierung

[Certification available on www.airgunsa.com](http://www.airgunsa.com)

Certificate

The Fraunhofer IPA certifies that the
ANEST IWATA New 77.0 spray gun
 fitted with a 1.2 mm nozzle
 applying a gun inlet pressure of 2.0 bar and a pump controlled paint feed
 of 480 g/min of a solvent-base 2-K-Finish for wood

has been tested in accordance to EN 13966-1 (VDMA german technical rule 24 366) and
 found to have a transfer efficiency of 82%.

January 2006

 Dipl.-Ing. (FH) S. Paußnig
 Responsible Scientist

Fraunhofer
 Institut
 Produktionstechnik
 und Automatisierung

[Certification available on www.airgunsa.com](http://www.airgunsa.com)

Model	Ø mm	bar	Nl/min	m³/min	mm	No.	g
NEW 71 0	0.8	3.5	240	200	190	0	470
NEW 71 1S	1.0		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	3.5
NEW 77 1S	
NEW 77 2S	
NEW 77 3S	
NEW 77 1G	
NEW 77 2G	
NEW 77 3G	

Air Nipple: G 1/4" Fluid Nipple: G 3/8"

USE	Paint	Wood	Plastic	Leather	Textile	Automotive	Electronics	Food	Industry
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

Model	Ø mm	bar	Nl/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"

CE Ex II 2G X

USE	Automotive	Woodworking	Electronics	Plastics	Metal	Leather	Paint	Plaster	Carpet	Boat	Leisure	Industry
LPH 80	Blue	Blue				Blue						



LPH 400

Refinishing Gun



PRE ATOMIZATION TECHNOLOGY

PATENT SPLIT NOZZLE

LPH 300

Refinishing Gun

**IDEAL FOR
TOUCH UP WORK**

CE Ex II 2G X

Model							
	Ø mm	bar	Nl/min	m²/min	mm	No.	g
LPH 400 124LV	1.2	1.1	270	90	260	LV4	380 only gun
LPH 400 134LV	1.3			110	280		
LPH 400 144LV	1.4			130	290		
LPH 400 164LV	1.6			150	270		
LPH 400 184LV	1.8			190	320		

Air nipple: G 1/4"

Fluid nipple: M 16x1.5 mm

LPH 300 104LV	1.0	1.0	200	80	180	LV4 only gun	320
LPH 300 104LV	1.0	1.3	240	50	200		
LPH 300 124LV	1.2	1.0	200	90	210		
LPH 300 124LV	1.2	1.3	240	70	210		
LPH 300 134LV	1.3	1.0	200	120	220		
LPH 300 134LV	1.3	1.3	240	80	230		
LPH 300 144LV	1.4	1.0	200	130	230		
LPH 300 144LV	1.4	1.3	240	90	250		
LPH 300 164LV	1.6	1.3	240	110	230		
LPH 300 184LV	1.8	1.3	240	130	230		
LPH 300 204LV	2.0	1.3	240	150	230		

Air nipple: G 1/4"

Fluid nipple: G 1/4"



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

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

RG 3L

Touch-up Work Spray Gun

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

Model	 Ø mm.	 bar	 Nl/min.	 m³/min.	 mm	 No.	 g
LPH-50-042 G	0.4			8	40	-	
LPH-50-062 G	0.6	0.9	50	25	60	-	220
LPH-50-102 G	1.0			55	100	-	

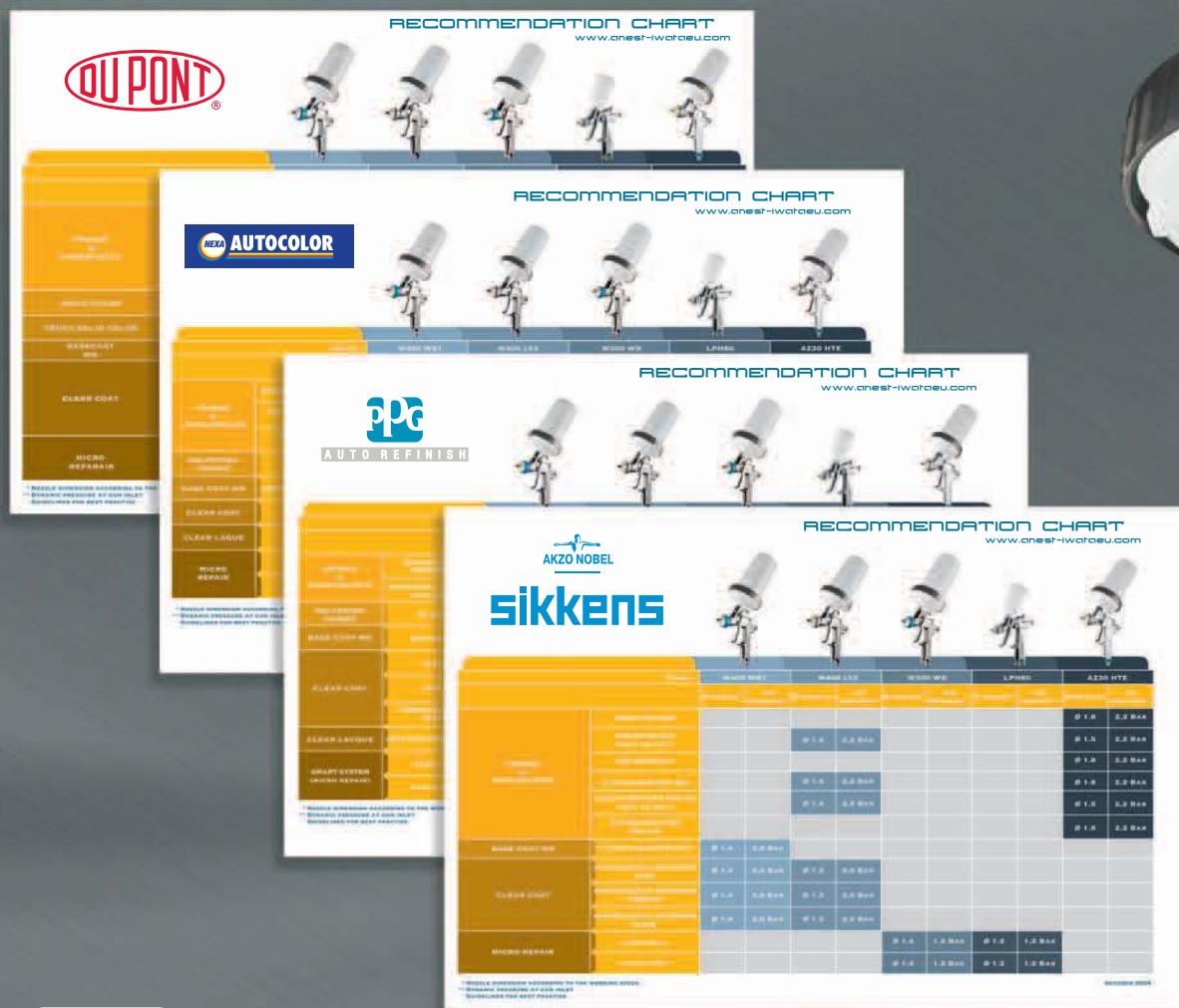
RG 3L-1	0.4	2.5	30	15	25	LV2	180
RG 3L-2	0.6		30	35	35		
RG 3L-3	1.0		50	80	35		

Air nipple: G 1/4"

Fluid nipple: G 1/4"

CE Ex II 2G X

RECOMMENDATION CHARTS



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

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



CE Ex II 2G X

CERTIFICATE OF COMPLIANCE

We certify that we have tested the Anest Iwata High T.E.C.W/200/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

THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

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

Model	Ø mm	bar	Nl/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	400	G2P				
WA200 102P	1.0									
WA200 122P	1.2									
WA200 152P	1.5									
WA200 202P	2.0	3.0	330	270	340	K2				
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"

USE	Automotive	Electronics	Household	Furniture	Plastic	Leather	Wood	Industrial
WA 200	■	■	■	■				■
WA 200 ZP					■			
WA 200 FT		■		■	■	■	■	■



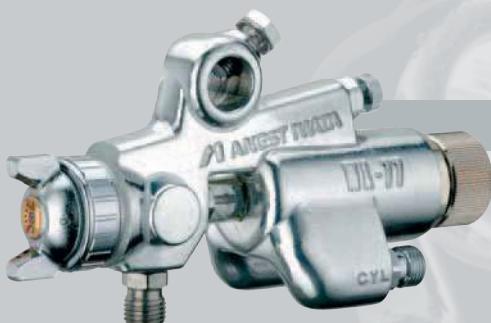
WA 100

General purpose



Round Pattern

available



WA 77

General purpose



LPA 200

General purpose



We certify that we have tested the Anest Iwata High T.E.C. W100/WA100 pressure 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 PG6/3(92), PG6/23(92), PG6/10(94), PG6/11(94).

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

PRIMER	93.6%
SOLID COLOUR	76.3%
BASECOAT	79.3%
CLEAR LACQUER	74.1%

Signed for MIRRC THATCHAM

.....M. Smith

THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

REPAIR RESEARCH CENTRE

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

Model	 Ø mm	 bar	 Nl/min	 mℓ/min	 mm	 No.	 g
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	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

| PA 200 - 122PV | 1.2 | 2.0 | 500 | 500 | 300 | G2 | 500

Air nipple: G 1/4"

Fluid nipple: G 1/4"





WRA 200 S8

Robot Applications



THATCHAM
THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE
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

THE MOTOR INSURANCE
REPAIR RESEARCH CENTRE

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



WB version available



WRA 100 S9

Robot Applications



WRA 200 S19

With ROBOT ARM

CE Ex II 2G X

Model	Ø mm	bar	N/min	m²/min	mm	No.	g
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	380	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		

USE	Automotive	Wood	Plastics	Paint	Furniture	Leather	Plastic	Aluminium	Electronics	Industry
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*

Special purpose

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"

*** TOF 5R / TOF 6R**



Model	 No.	 Ø mm	 N°/min	 m/s/min	FAN	 mm	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"



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: AC24pp (the gun is fed with low voltage)
- Maximum operating current: 150 µA
- Length without electrode: 186 mm (E-MW50) 183 mm (E-MW100)
- Length with electrode: 212 mm (E-MW50) 229 mm (E-MW100)



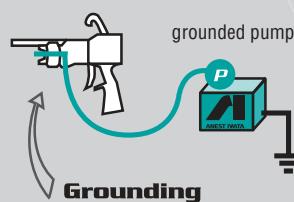
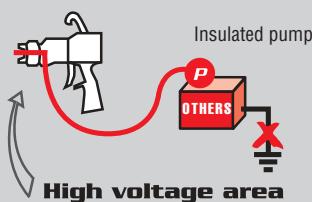
E-MW50

Designed for better handling



E-MW100

Designed for better electrostatic effect



II 2G EEx 0,24 mJ

KEMA 0344

EN50050

BVS06ATEXE049

group II, category 2 gas atmosphere equipment
suitable for use in zone 1

Translation	
EC-Type Examination Certificate	
(1)	- Directive 94/9/EWG -
(2)	Equipment and protective systems intended for use in potentially explosive atmospheres
BVS 06 ATEX E 049	
(4)	Equipment: Electrostatic hand-held spraying equipment types E-MW50 / E-SC24-L-PX and E-MW100 / E-SC24-EX
(5)	Manufacturer: Anest Iwata Corporation
(6)	Address: Yokohama 223-8501, Japan
(7) The design and construction of this equipment and any acceptable variation thereto are specified in the schedule	
as the type examination certificate.	
(8) The certification body of EXAM BBG Prüf- und Zertifizier GmbH, method body no. 0158 in accordance with Article 5 of the Directive 94/9/EWG 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 manufacture of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive.	
The examination and test results are recorded in the test and assessment report BVS 06/2019 EG.	
(9) The Essential Health and Safety Requirements are assured by compliance with:	
EN 50050:2001 Electrostatic hand-held spraying equipment	
(10) If the sign "X" is placed next to a certificate number, it indicates that the equipment is subject to special conditions 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.	
For other requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.	
(12) The marking of the equipment shall include the following:	
H 2G EEx 0,24 mJ for spraying gun H (2G) EN 50050 for controller	
EXAM BBG Prüf- und Zertifizier GmbH Buchloe, dated 12. June 2006	
Dr. Jockers	Dr. Kickhoff
Signed:	Signed:
Certification body	Special services unit
Page 1 of 2 in BVS 06/2019 EG This certificate only may be reproduced in its entirety and without change. Distribution limit: 40000 copies. Germany: Tel. +49 712 506 020 - Fax +49 712 506 110	

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-MW100-11C5Y	1.1	C5	AC24Vpp	DC-60KV	15	595
E-MW100-11C5Z	1.1	C5	AC24Vpp	DC-60KV	20	595

USE										
E-MW50										
E-MW100										



ELECTROSTATIC CONTROLLERS

20

EXTERNAL CHARGE



E-SC24-EX

For E-MW100 series

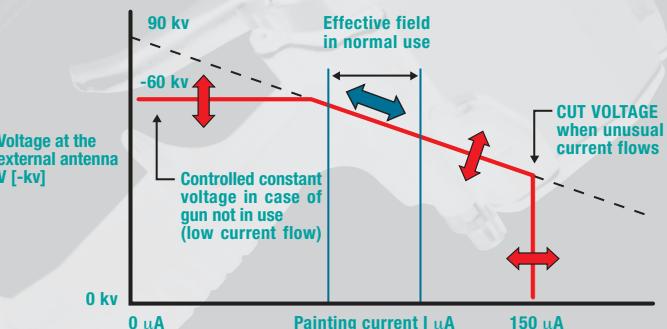
E-SC24L-EX

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	AC200-240V	UK			
E-SC24-EX-S1 E-SC24L-EX-S1	AC200-240V with external output*				
E-SC24-EX-i E-SC24-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-SC24-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



KEMA 0344

EN50050

EN50050
VS06ATEYE040

to be installed only in safe area



ELECTROSTATIC GUNS

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E-M15B

For general paints



**Round pattern
air cap set**



**Spiral fluid
tube set**

INTERNAL CHARGE

Effective & Ecological

Fulfils 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.

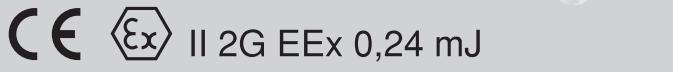
Ergonomics

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
BVS05ATEX027

group II, category 2 gas atmosphere equipment
suitable for use in zone 1



EXAM
BBG Prüf- und Zertifizierer GmbH

EG-Baumusterprüfungsbereinigung

- Richtlinie 94/9/EG -

Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung

in explosionsgefährdeten Bereichen

BVS 05 ATEX E 027

(1) Gerät: Electrostatic Spray Gun, Type: E-M15B-LAEN, ENGX-121C and Steuergerät Type: E-SC11-EX

(2) Hersteller: ANEST IWATA Corporation

(3) Anschrift: Yokohama, JAPAN

(4) Die hierin dargestellten Geräte sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfungsberechtigung festgelegt.

(5) Die Zertifizierungsurkunde der EXAM BBG Prüf- und Zertifizierer GmbH, Kennzeichen Nr. 0159, gestattigt Artikel 9 der Richtlinie 94/9/EG des Europäischen Parlaments und des Rates vom 23. März 1994, beschränkt, dass das Gerät die grundlegenden Sicherheits- und Gesundheitsschutzanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie erfüllt.

Die Ergebnisse der Prüfung sind in dem Prüfprotokoll BVS PP 05 2015 EG untergelegt.

(6) Die grundlegenden Sicherheits- und Gesundheitsschutzanforderungen werden erfüllt durch Überverzweigung mit EN 50020-2001 Elektromagnetische Handlungsfähigkeitsrichtlinie

(10) Füllt das Zeichen „X“ vor der Beschreibungswortmarke aus, wird in der Anlage zu dieser Baumusterprüfung auf breiterer Basis geprüft. Bei der zulässigen Ausführung ist die Baumusterprüfung der Richtlinie 94/9/EG.

(11) Diese EG-Baumusterprüfungsberechtigung, bezieht sich nur auf die Konzeption und die Baumusterprüfung der beschriebenen Geräte in Übereinstimmung mit der Richtlinie 94/9/EG.

Für Herstellung und in Verkauf bringen das Geräte sind weitere Anforderungen des Richtlinie zu erfüllen, die nicht durch diese Berechtigung abgedeckt sind.

(12) Die Kennzeichnung des Gerätes muss die folgenden Angaben enthalten:

Spülpistole II 2G EEx 0,24 mJ

Steuergerät: II (2)G EEx 0,24 mJ

EXAM BBG Prüf- und Zertifizierer GmbH

Buchloe, den 15. März 2005

Seite 1 von 1 für BVS 05 ATEX E 027

Hersteller: ANEST IWATA CORPORATION

Anschrift: 1-1-10, Kita, Yokohama, Kanagawa, Japan

Telefon: 045-461-2042 Telefax: 045-461-2043

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

USE	Automotive	Electronics	Plastics	Wood	Leather	Food	Paint	Coatings	Plating	Industry
E-M15B										



ELECTROSTATIC CONTROLLERS

22

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 II (2)G EEx 0,24 mJ

KEMA 0344

EN50050

BVS05ATEXE027

to be installed only in safe area



EG-Baumusterprüfbescheinigung

- Richtlinie 94/9/EWG -
Geräte und Schutzsysteme zur bestimmungsgemäßen Verwendung
in explosionsgefährdeten Bereichen

BVS 05 ATEX E 027

- (1) Gerät: Elektrostatische Sprühpistole, Typen: E-M10B, E-M15B, ESGX-121B, ESGX-121C und Steuergerät Typ: E-SC12-EX
- (2) Hersteller: ANEST IWATA Corporation
- (3) Anschrift: Yokohama, JAPAN
- (4) Die hiermit dieses Geräte sowie die verschiedenen zulässigen Ausführungen sind in der Anlage zu dieser Baumusterprüfbescheinigung festgelegt.
- (5) Die Zertifizierungserlaubnis der EXAM BBG Prüf- und Zertifizier GmbH, neuerte Stelle Nr. 0158 gemäß Artikel 9 der Richtlinie 94/9/EG des Europäischen Parlaments und des Rates vom 23. März 1994, bescheinigt, dass das Gerät die grundlegenden Sicherheits- und Gesundheitsschutzanforderungen für die Konzeption und den Bau von Geräten und Schutzsystemen zur bestimmungsgemäßen Verwendung in explosionsgefährdeten Bereichen gemäß Anhang II der Richtlinie erfüllt.
Die Ergebnisse der Prüfung sind in dem Prüfprotokoll BVS PP 05.2015 EG niedergelegt.
- (6) Die grundlegenden Sicherheits- und Gesundheitsschutzanforderungen werden erfüllt durch Oberflächenisolation mit:
EN 50050-3001 Elektrisch leitende Isolierungen
- (7) Fals das Zeichen "N" hinter der Bezeichnungsnummer steht, wird in der Anlage zu dieser Bescheinigung auf besondere Bedingungen für die sichere Anwendung des Gerätes hingewiesen.
- (8) Diese EG-Baumusterprüfbescheinigung bereicht sich nur auf die Konzeption und die Baumaßnahmen des beschriebenen Gerätes in Übereinstimmung mit den Richtlinie 94/9/EG.
Für Herstellung und in Verkehr bringen des Gerätes sind weitere Anforderungen der Richtlinie zu erfüllen, die nicht durch diese Bescheinigung abgedeckt sind.
- (9) Die Kennzeichnung des Gerätes muss die folgenden Angaben enthalten:

Sprühpistole: II 2G EEx 0,24 mJ
Steuergerät: II (2)G EEx 0,24 mJ

EXAM BBG Prüf- und Zertifizier GmbH
Bosch, den 15. März 2009

Seite 1 von 2 an WVS 05 ATEX E 027
Diese Zertifikat darf nur unverändert wiederverwendet werden.
Durchsetzungsträger: ANEST IWATA
Telefon: 0551/73-2001 · Telefax: 0551/73-2006

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	
E-SC12-EX-S1-FD*	AC200-240V with external output*	Germany	

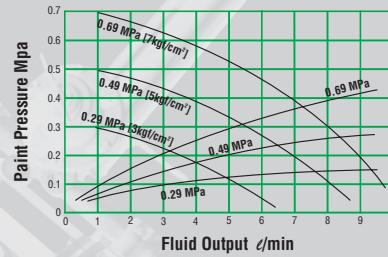
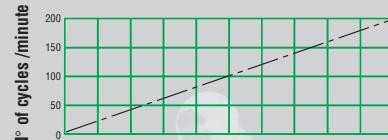
* External signal output option type.

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


DDP 90


DPS 90

Industrial Painting



Air consumption /min

Versions:
DPS 90 F
DPS 90 FN

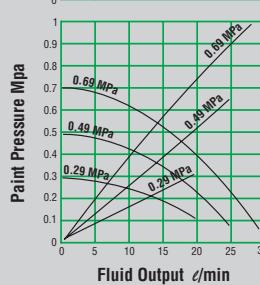
 Aluminium
 Stainless Steel


DPS 120

Industrial Painting


DDP 120

Versions:
DPS 120 B
DPS 120 B WB

 Aluminium
 Teflon Coated


Air consumption /min

Model	B n:n	A bar	bar cycle	mesh/cycle	cycles/min	l/min	mesh
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
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CE II 2G T6 X

USE	Paint	Water	UV	Acrylic	Alkyd	Oil	Enamel	Primer	Conformal Coating	Industrial
DPS 90 F / DPS 90 FN	■	■	■	■	■	■	■	■	■	■
DPS 120 B / DPS 120 B WB	■	■	■	■	■	■	■	■	■	■



Available

in two versions:

FCV 3 or FCV 3N*

*Stainless Steel



Available

in two versions:

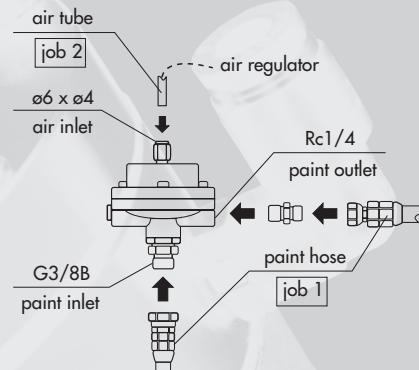
FCV 31 or FCV 31N*

*Stainless Steel

Quick Reset System



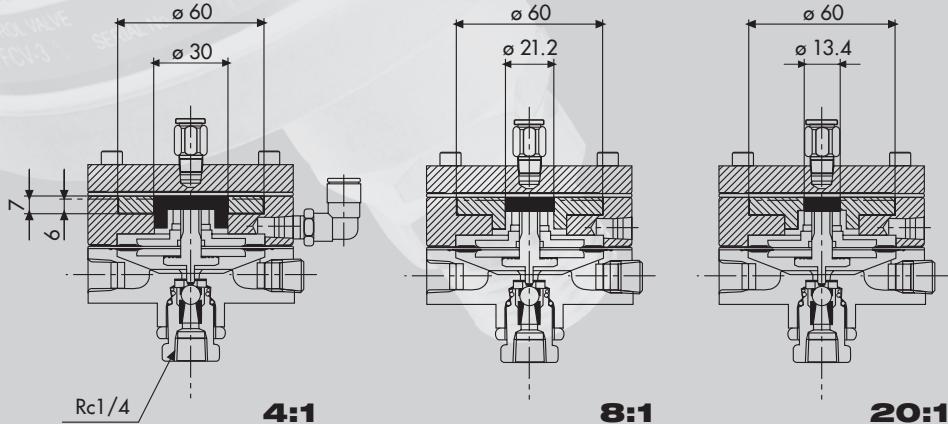
- Pressure range: 0÷6 bar
 - Max flow: 2.0 l/min
 - Max primary pressure: 25 bar



FCV 31

- 1:1 - 4:1 - 8:1 - 20:1
 - Pressure range: 0÷6 bar

- Max flow: 2.0 l/min
 - Max primary pressure: 25 bar



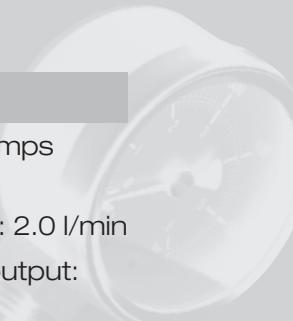
CE Ex II 2 G X



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

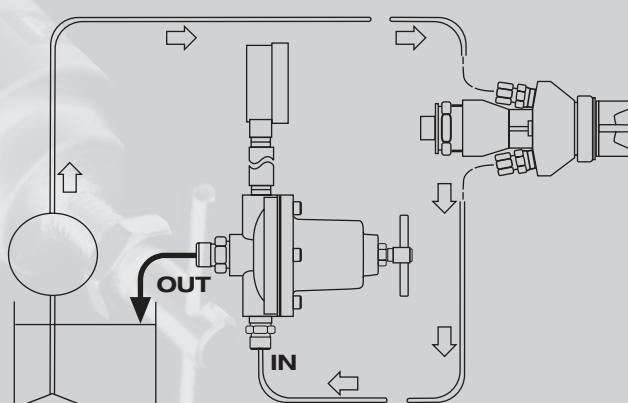
- Pressure range: 0÷6 bar
 - Max. flow: 2.0 l/min
 - Max. primary pressure: 20 bar

Available

in two versions:

PR-B5 or PR-B5 N*

*Stainless Steel



CE Ex II 2G X



ALS 333 C

Suitable for low-medium viscosity paints



ALS 433 C

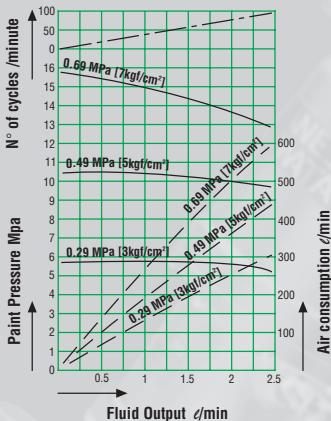
Suitable for low-medium viscosity paints



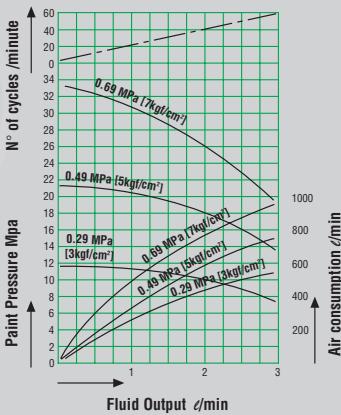
ALS 453 C

Suitable for low-medium viscosity paints

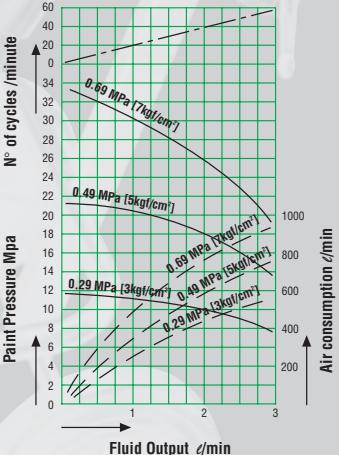
ALS 333 Performance Curve



ALS 433 Performance Curve



ALS 453 Performance Curve



CE II 2G T6 X

USE											
ALS 333 C											
ALS 433 C											
ALS 453 C											

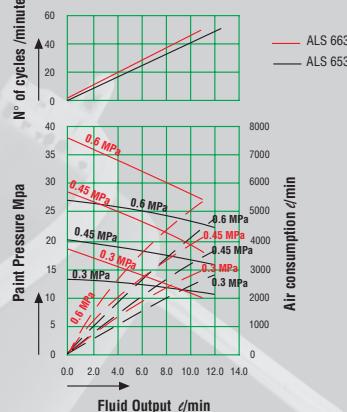


ALS 653 N / ALS 663 N

Suitable for low-medium-high viscosity paints



ALS 663-653 Performance Curve



ALS 423 TX

Suitable for high-viscosity paints and thixotropic paints

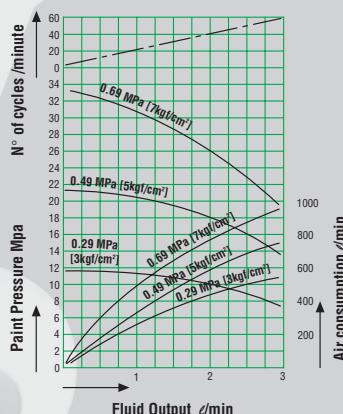


ALS 433 TX

Suitable for high-viscosity paints and thixotropic paints



ALS 433 Performance Curve



CE Ex II 2G T6 X

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

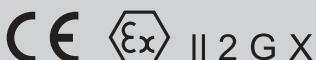


Model	 g	 bar	 mesh
ALG 7 WB TE	440	250	100
ALG - 72	415		-
ALG - 73	450		-



AL 96

Airless Automatic Gun



Model			
Al_96	g	bar	mesh



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	-	-
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USE										
MSU B193 / MSU B303										
PPS B043										



FPP 655

Extrusion paint pump



Model	 n:n	 bar	 bar	 l/min	 l/min
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

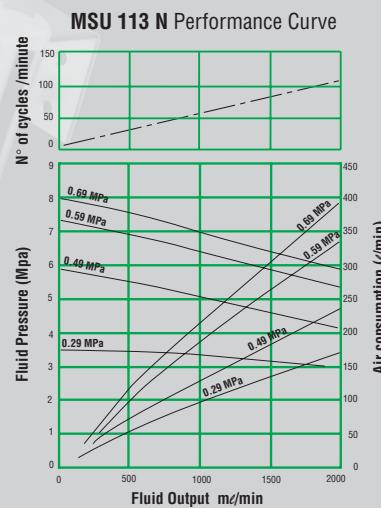


Model					Fluid Nipple
	Ø mm	bar	bar	g	
FG 6					NPS 3/8"
FG 61	3.0	-	250	440	G 1/4"
FG 62					G 1/4"



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:



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 Ex II 2G T6 X

USE	Paint	Wood	Plastic	Glass	Leather	Furniture	Automotive	Boat	Electronics	Industry
MSU 113 N										



MSU 323 C

Suitable for low-medium viscosity paints



MSU 321 N

Suitable for low-medium viscosity paints



MSU 323 CTX

Suitable for low-medium viscosity paints



CE Ex II 2G T6 X

Model	 n.n	 bar	 bar	 ml/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



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	n:m	bar	bar	m/cycle	cycles/min	l/min	mesh	mesh
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	Paint	Wood	Plastic	Glass	Furniture	Automotive	Industrial	Electronics	Food
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 litres	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 Ex II 2G T6 X



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)



AIR HOSE
(option)



FLUID HOSE
(option)

SPRAY GUN
(option)



CE II 2G T6 X

USE										
PC 18 D										

SUITABLE APPLICATIONS REFERENCE

	MODEL	PUMP TYPE	MANUAL AIR SPRAY	MANUAL AIR 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)
AIRLESS UNIT	ALS 333 C	plunger			●				●	
MULTI SPRAY UNIT	ALS 433 C	plunger			●				●	
MULTI SPRAY UNIT	ALS 453 C	plunger			●				●	
MULTI SPRAY UNIT	ALS 423 TX	plunger			●				●	
MULTI SPRAY UNIT	ALS 433 TX	plunger			●				●	
MULTI SPRAY UNIT	ALS 653	plunger			●				●	
MULTI SPRAY UNIT	ALS 663	plunger			●				●	
DDP	MSU 113 N	plunger		●					●	
DDP	MSU 321 N	plunger		●					●	
DDP	MSU 323 C	plunger		●					●	
DDP	MSU 323 CTX	plunger		●					●	
DDP	MSU 423 TX	plunger		●	●				●	
DDP	MSU 433 TX	plunger		●	●				●	
DDP	MSU B193	bellows	●						●	
DDP	MSU B303	bellows	●		●				●	
DDP	PPS B043	bellows	●			●		●	●	
DDP	FPP 655	plunger					●			
DDP	DPS 90 F	diaphragm	●						●	
DDP	DPS 90 FN	diaphragm	●						●	
DDP	DPS 120 B	diaphragm	●						●	
DDP	DPS 120 B WB	diaphragm	●						●	

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

MULTI X



- 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

MULTI X

Air Assisted Airless Spray Gun



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°	
.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
	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 Ex II 2 G X



Model	g	bar	bar	mesh
MULTI X	540	150	7.0	200

USE	Automotive	Woodworking	Household	Furniture	Leather	Plastic	Painting	Coatings	Industrial
MULTI X									



HTE
HIGH TRANSFER
EFFICIENCY



AZ 10 HTE

Suction



AZ 10 HTE PC

Pressure



AZ 10 HTE SP

Pressure

Also available

with fluid nozzle + fluid needle set
in Tungsten Carbide

ideal for ceramic enamel applications



Also available

AZ 10 HTE SP W

with fluid nozzle + fluid needle set
in Tungsten Carbide

ideal for ceramic enamel applications



Max Working Pressure: 7.0 bar (100 PS)

AZ10 HTE and AZ10 HTE SP: Noise Level (L_{AeqT}) 75.2 dB (A)

Temperature range: 5-40

AZ10 HTE RC: Noise Level (L_{Aeq}) 73.7 dB

Air nipple: C 1/4

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

All Hippie. G 1/2

AZ10 HTE SE. Fluid Ripple. G 3/8



AZ 3 HTE

Gravity Spray Gun

HTE
HIGH TRANSFER
EFFICIENCY



AZ 5

Round Pattern Gravity Spray Gun



*W201013xxxx

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"



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



S8

Blow Gun



SP8

Blow Gun

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



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

CE

USE	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6	Icon 7	Icon 8	Icon 9	Icon 10	Icon 11
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

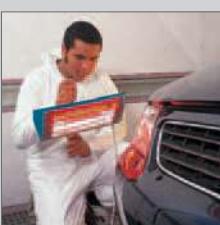
- 220/240 Volt 4,5KW
 - 50Hz single phase - 18.75 amps

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





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											



32X1R



32X2R



Paint Heater

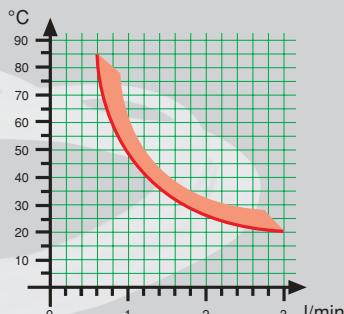
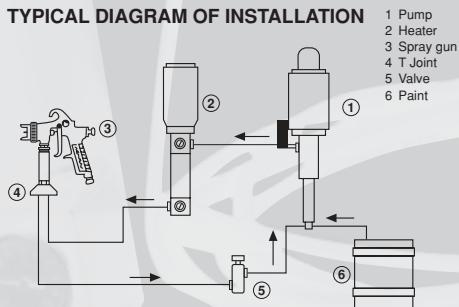
Model 32X1R and 32X2R

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.

Electric potential	3200W
Voltage	240W
Electric current	13.3 A
Weight	19.4 Kg
Temperature range	0-82°C
Temperature limit	106°C



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



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 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 Ex II 2 G X



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 Ex II 2 G X

USE	Automotive	Woodworking	Painting	Plastics	Leather	Chair	Automotive	Automotive	Boat	Optics	Industry
IWK Combi											
IWK H ₂ O											



Airfed Mask 2100

- Cartridge type vision cassette
 - Browguard and vizor
 - Carbon filter
 - Adjustable air control regulator
 - 1,25 metre hose (inner ø 8 mm)
for HVLP spray gun
 - Neck/shoulder cover
 - Replaceable vizor cover
 - Air regulator 1 bar pre-set
 - Visual airflow check

EC CERTIFICATE		
Certificate No. 58504	Continuation Sheet	
PRODUCT SPECIFICATION MOR011-1-EU-AF2100		
Product description: The AF2100 is an air fed respirator, which passes breathable quality compressed air via a belt-mounted regulator and flexible tube to a face mask and filter canister. The flexible tube is fitted with an air flow indicator. The visor offers eye protection to EN 166.		
Technical specifications: EN 1389-1999 and EN 166-1999		
EN 166 categorisation: Optical Class 1, F (Low impact energy) Field of use: Liquids		
Minimum flow rate: 140 l/min		
Input pressure: 5 bar		
EN 1835 classification: L0013		
Initial product approval on ECU certificate number 58419		
Amendment record		
Year	Issue date	Comments
1	April 2001	First issue
<small>Date: 10 April 2001 Page: 2 of 2</small>		



Euromask



YMIKIT

The set consists of:

- 1 NEW EUROMASK
 - 2 Active Carbon filters (A1/P2)
 - 10 pre-filters for spray painting + 2 supports

CE



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 ø1.4 Gravity Feed LV2
- AZ 3 HTE Gravity Spray Gun
- AZ 40 HTE Gravity Spray Gun with 200 cc Cup
- Air Regulator with pressure gauge

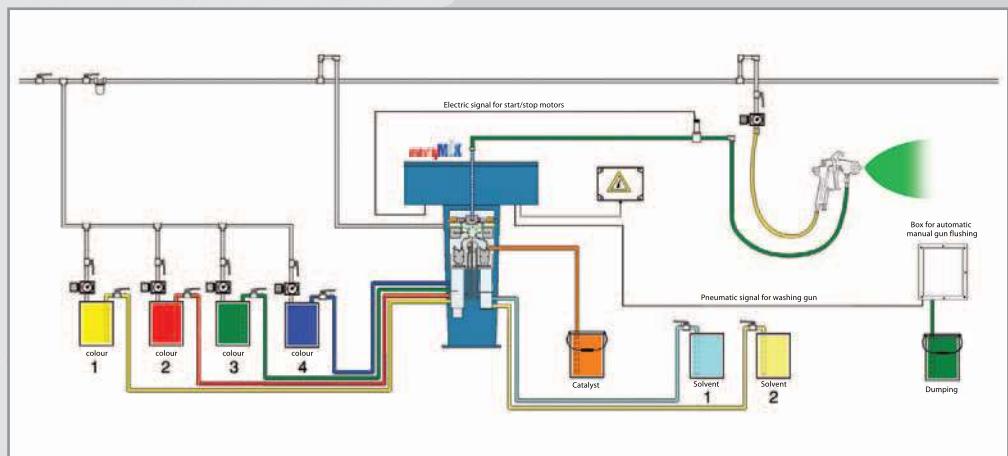
EXAMPLE

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



EASY MIX 2K

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



Ultimate Versatility, Reliability and Performance



Quality, Performance and Value



MEDEA



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

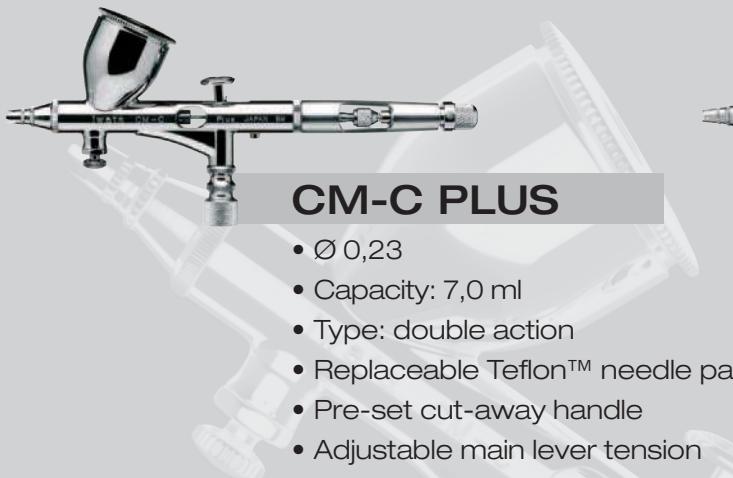
Artists trust IWATA because they know
they can find in our products
the quality they are expecting.

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

USE	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6	Icon 7	Icon 8	Icon 9	Icon 10	Icon 11	Icon 12	Icon 13	Icon 14
HP-AH	Red					Red			Red		Red			
HP-BH	Red		Red		Red			Red		Red				
HP-CH					Red			Red		Red				
HP-TH	Red	Red		Red				Red		Red				

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	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6	Icon 7	Icon 8	Icon 9	Icon 10	Icon 11	Icon 12
HP-AP	Red					Red						
HP-BP	Red				Red	Red				Red		Red
HP-CP	Red			Red	Red				Red			Red
HP-SBP		Red	Red	Red	Red							
HP-BC1P/2P		Red	Red	Red	Red							

The airbrushes from the ECLIPSE series, thanks to their versatility, remarkable fluid output and elevated quality performance, are suitable for a wide range of uses. They can be used for spraying both pre-mixed and dense paints and adapt particularly well in cases where controlled precise spraying is required; whether a moderate or large quantity of colour is used and on surfaces 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

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	Icon 1	Icon 2	Icon 3	Icon 4	Icon 5	Icon 6	Icon 7	Icon 8	Icon 9	Icon 10	Icon 11	Icon 12	Icon 13
HP-AR	Red					Red		Red					
HP-BR		Red	Red										
HP-CR			Red										
HP-BCR		Red	Red	Red	Red								
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

iwata studio series



2x Sprint Jet Power

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



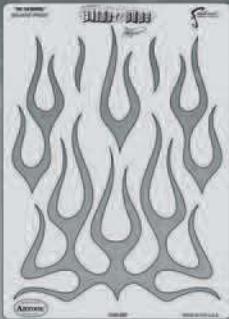
Freehand™ AIRBRUSH TEMPLATES

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!

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





Nail - Art

Nail painting has reached levels of intricacies that had only been dreamed about before the advent of the airbrush.

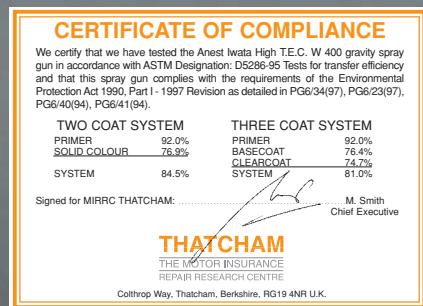
Today, detailing nails is easier than ever with the fine, precise control of Iwata airbrushes.

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

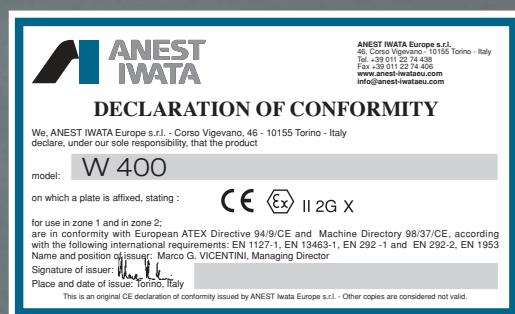
W 400
W 400 WB
NEW 71
NEW 77

Airgunsa Spray Guns

AZ 30 HTE

CE ATEX Declaration Of Conformity

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



ALL PRODUCTS

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

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.





- 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



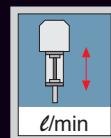
- Spot repair
- Piccole riparazioni
- Petites réparations



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



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



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



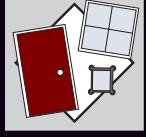
- Furniture
- Mobili
- Meubles
- Möbel
- Möbel
- Muebles
- Mobiliário



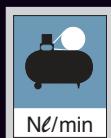
- Air pressure
- Pressione aria
- Pression d'air
- Luftdruck
- Lufttryck
- Presión aire
- Pressão de ar



- 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



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



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



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



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



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



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



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



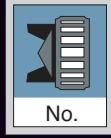
- Pattern width
- Larghezza ventaglio
- Largeur de jet
- Spritzstrahlbreit
- Sprutbredd
- Ancho abanico
- Largura de leque



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



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



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



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



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



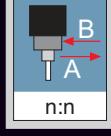
- Max. fluid pressure
- Max. pressione materiale
- Pression maxi, produit
- Max. Materialdruck
- Max. material tryck
- Máxima presión fluido
- Máxima pressão do bico



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



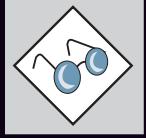
- Ship building
- Industria navale
- Industrie navale
- Schiffbau
- Varvsindustri
- Industria naval
- Industria naval



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



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



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

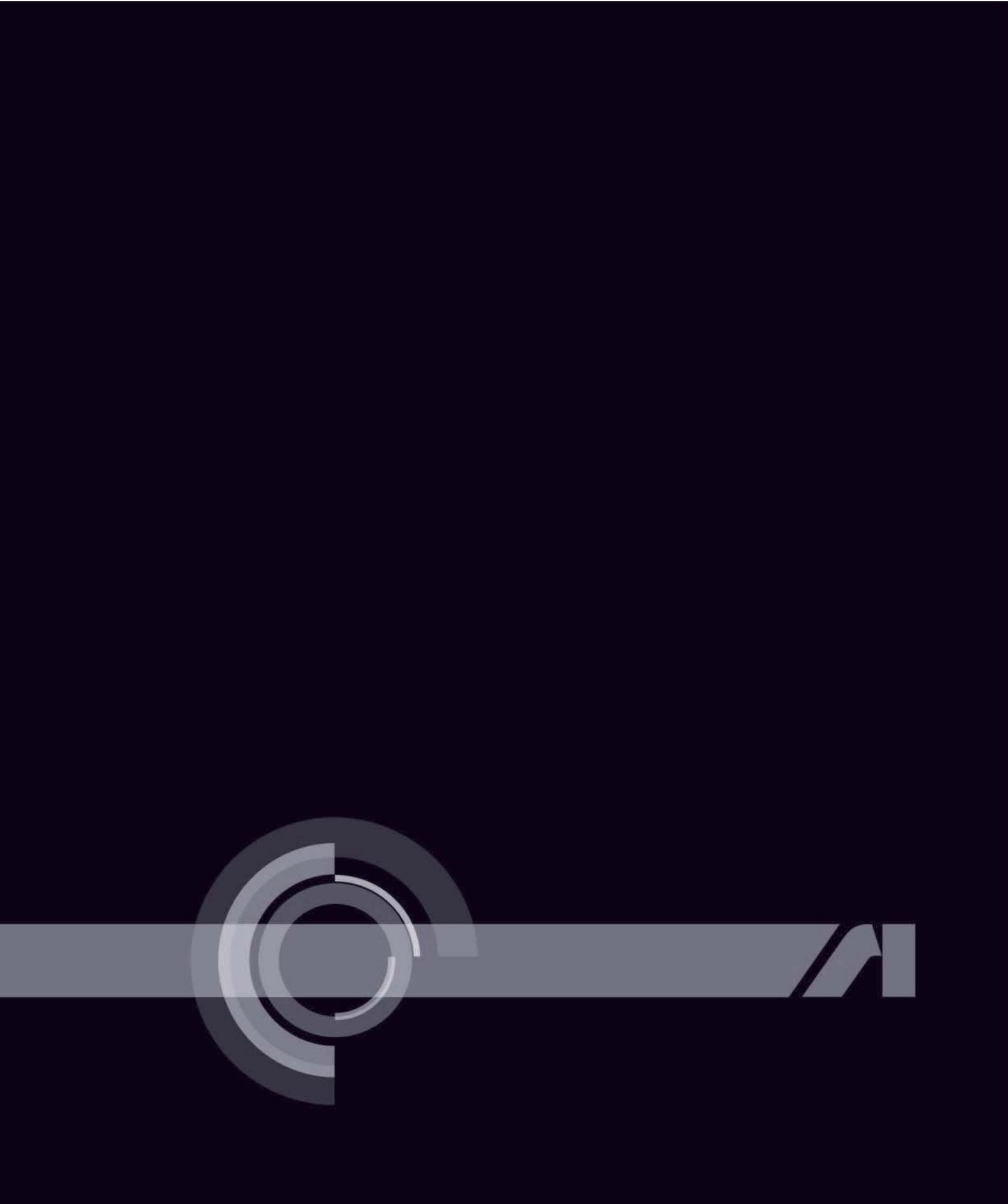


- Max fluid pressure
- Pressione massima fluido
- Pression maxi, produit
- Max. Materialdruck
- Max. material tryck
- Máxima presión fluido
- Máxima pressão de saída



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







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