

Painting



NKS industrial®



HVLP Series

NKS HVLP Series provides superior finish with the best possible paint savings and transfer efficiency.

Contoured handle design greatly reduces operator fatigues providing outstanding productivity and comfort. HVLP Series offers a wide selection of fluid and air nozzles to provide outstanding atomization over a wide range of materials including high solids, solvents/waterborne paints, lacquers, stains, glaze, base and clear coats.



Model	Pic Ref	Feed	Nozzle mm	Air Cap	Atom Air pres. bar	Fl. O/P ml/m	Air Cons. cfm	Pattern Width mm(in)	Wt (g)
X-102L-1S	A	Pressure	1.2	LV4	2.0	60	7.0	170 (6.7)	325
X-102L-1S	A	Pressure	1.4	LV4	2.0	80	7.0	180 (7.1)	325
X-102L-1S	A	Pressure	1.6	LV4	2.0	95	7.0	190 (7.5)	325
X-102L-1G	A	Gravity	1.2	LV4	1.0	80	7.0	200 (7.9)	325
X-102L-1G	A	Gravity	1.4	LV4	1.0	130	7.0	220 (8.7)	325
X-102L-16G	A	Gravity	1.6	LV4	1.3	100	8.4	220 (8.7)	325
X-102L-18G	A	Gravity	1.8	LV4	1.3	120	8.4	210 (8.3)	325
X-202L-12P	B	Pressure	1.2	X2	2.0	500	17.7	300 (6.7)	370
X-402-14G	C	Gravity	1.4	LV4	1.1	130	9.5	290 (11.4)	370
X-402-16G	C	Gravity	1.6	LV4	1.1	150	9.5	300 (11.8)	370

Touch Up – XF-50 Series

NKS Touch Up XF-50 Series provides small scale fine finish used in multiple industries including automotive, aerospace and general manufacturing. Meticulously engineered stainless steel tips and needles provide ultimate feathering control.

Balanced air valve design for lighter trigger pull and improved air flow. It is lightweight, strong, cast aluminum machine for precise controlled atomization. XF-50 Series is ideal for fine shading, retouching, stenciling, spot repair and reworking.



Model	Pic Ref	Type of Feed	Nozzle Orifice mm(in)	Air Cap	Atomizing Air pressure Mpa(bar)	Fluid O/P MI/min	Air Consumption l/min (cfm)	Pattern Width Mm(in)	Weight g
XF-50-G04	A	Gravity	0.4	04F	2.5	20	3.0	50 (2.0)	210
XF-50-G06	A	Gravity	0.6	06F	2.5	30	3.0	70 (2.8)	210
XF-50-G10	A	Gravity	1.0	10F	2.5	70	3.0	110 (4.3)	210
XR-50-G04	B	Gravity	0.4	04R	2.5	20	2.1	Round	210
XR-50-G06	B	Gravity	0.6	06R	2.5	30	2.1	Round	210
XR-50-G10	B	Gravity	1.0	10R	2.5	70	2.1	Round	210

Warning: Face and eye protection must be worn while operating power tools per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90psi (620kpa). Use cutting tool manufacturer's mounting and operating instructions.

It is user's responsibility to refer and comply with ANSI B7.1

X - Series

X-Series offers wide range of conventional atomisation air caps to provide a superior sprayed finish. Robust, Lightweight and work friendly design for high demand outputs. Stainless Steel tips, needles and fluid passageways offer reliable operations. NKS X-Series spray guns are used, whether it's a small finishing operation or a high volume production line.



Model	Type of Feed	Nozzle Orifice mm	Air Cap	Atomizing Air pressure (bar)	Fluid Output MI/min	Air Consumption l/min (cfm)	Pattern Width Mm(in)	Wt. (g)
X-102-08P	Pressure	0.8	E2P	3.0	150	9.5	190 (9.5)	325
X-102-10P	Pressure	1.0	E2P	3.0	200	9.5	220 (8.7)	325
X-102-13P	Pressure	1.3	E2P	2.5	200	7.8	210 (8.3)	325
X-102-15P	Pressure	1.5	E2P	2.5	250	7.8	240 (9.4)	325
X-102-10S	Suction	1.0	E1	2.5	85	2.6	120 (4.7)	325
X-102-13S	Suction	1.3	K1	2.5	150	5.1	155 (6.1)	325
X-102-13S	Suction	1.3	H2	2.5	150	7.9	160 (6.3)	325
X-102-13S	Suction	1.3	H4	2.5	145	8.8	200 (7.8)	325
X-102-15S	Suction	1.5	K1	2.5	175	5.1	170 (6.7)	325
X-102-15S	Suction	1.5	H2	2.5	170	7.9	175 (6.9)	325
X-102-18S	Suction	1.8	N1	2.5	210	6.0	170 (6.7)	325
X-102-10G	Gravity	1.0	E1	2.5	95	2.6	130 (5.1)	325
X-102-13G	Gravity	1.3	K1	2.5	160	5.1	170 (6.7)	325
X-102-13G	Gravity	1.3	H2	2.5	160	7.9	175 (6.9)	325
X-102-13G	Gravity	1.3	H4	2.5	170	8.8	220 (8.7)	325
X-102-15G	Gravity	1.5	K1	2.5	200	5.1	180 (7.0)	325
X-102-15G	Gravity	1.5	H2	2.5	190	7.9	190 (7.5)	325
X-102-18G	Gravity	1.8	N1	2.5	240	6.0	190 (7.5)	325
X-202-12P	Pressure	1.2	G2P	3.0	500	19.8	400 (15.7)	370
X-202-15S	Suction	1.5	K1	3.0	240	7.1	210 (8.3)	370
X-202-15S	Suction	1.5	K2	3.0	240	11.7	290 (11.4)	370
X-202-18S	Suction	1.8	K2	3.0	290	11.7	340 (13.4)	370
X-202-20S	Suction	2.0	R1	3.0	350	9.2	260 (10.2)	370
X-202-20S	Suction	2.0	R2	3.0	350	12.7	290 (11.4)	370
X-202-25S	Suction	2.5	W1	3.0	440	12.7	280 (11.0)	370
X-202-15G	Gravity	1.5	K1	3.0	270	7.1	220 (8.7)	370
X-202-15G	Gravity	1.5	K2	3.0	270	11.7	320 (12.6)	370
X-202-20G	Gravity	2.0	R1	3.0	410	9.2	280 (11.0)	370
X-202-20G	Gravity	2.0	R2	3.0	410	12.7	320 (12.6)	370
X-202-25G	Gravity	2.5	W1	3.0	510	12.7	310 (12.2)	370
X-402-12G	C/Gravity	1.2	LV2	3.0	160	13.1	250 (9.8)	370
X-402-13G	C/Gravity	1.3	LV2	3.0	200	13.1	300 (11.8)	370
X-402-14G	C/Gravity	1.4	LV2	3.0	265	13.1	320 (12.6)	370
X-402-16G	C/Gravity	1.6	LV2	3.0	310	13.1	340 (13.4)	370
X-402-18G	C/Gravity	1.8	LV1	3.0	400	13.4	320 (12.6)	370
X-402-25G	C/Gravity	2.5	W1	3.0	580	12.7	340 (13.4)	370



Ceramic Spray Guns

NKS Ceramic Spray Guns are exclusively designed for heavy duty spray finishing and surface coating applications in the ceramic and vitreous enamel market and good for continuous and reliable performance in this environment



Model	Nozzle Orifice mm	Air Cap	Atomizing Air press. (bar)	Fluid Output ml/min	Air Cons. (cfm)	Pattern Width mm(in)	Wt. (g)
X-102-08H	0.8	E2P	3.0	150	9.5	190 (7.5)	325
X-102-10H	1.0	E2P	3.0	200	9.5	220 (8.7)	325
X-102-13H	1.3	E2P,H2,H4	2.5	200	7.8	210 (8.3)	325
X-102-15H	1.5	E2P,H2,H4	2.5	250	7.8	240 (9.4)	325
X-102-18H	1.8	E2P,H2,H4	2.5	210	6.0	170 (6.7)	325
X-202-12H	1.2	G2P	3.0	500	19.8	400 (15.7)	370
X-202-13H	1.3	K2	3.0	220	11.7	250 (9.8)	370
X-202-14H	1.4	K2	3.0	230	11.7	270 (10.6)	370
X-202-15H	1.5	J2	3.0	240	11.7	290 (11.4)	370
X-202-18H	1.8	J2	3.0	290	11.7	340 (13.4)	370
X-202-20H	2.0	R2	3.0	350	12.7	290 (11.4)	370
X-202-25H	2.5	W1	3.0	440	12.7	280 (11.0)	370

W-71 & W-77 Series

NKS W-71 and W-77 Series is a multipurpose paint spray gun for variety of jobs ranging from small to large painting jobs in wide variety of industries. They are available in pressure, suction and gravity feed. The series offers a wide selection of fluid and air nozzles to provide outstanding atomization over a wide range of materials including high solids, solvents/waterborne paints, lacquers, stains, glaze, base and clear coats.



Model	Type of Feed	Nozzle Orifice mm	Atomizing Air pressure (bar)	Fluid Output ml/min	Air Consumption (cfm)	Pattern Width mm (in)	Wt. (g)
W-71-08P	Pressure	0.8	3.5	200	8.5	190 (7.5)	480
W-71-10P	Pressure	1.0	3.5	300	8.1	265 (10.4)	480
W-71-10S	Suction	1.0	3.0	95	2.6	100 (3.9)	480
W-71-13S	Suction	1.3	3.0	140	6.3	155 (6.1)	480
W-71-15S	Suction	1.5	3.0	170	8.1	170 (6.7)	480
W-71-18S	Suction	1.8	3.0	220	8.8	180 (7.1)	480
W-71-10G	Gravity	1.0	3.0	110	2.6	120 (4.7)	480
W-71-13G	Gravity	1.3	3.0	160	6.9	165 (6.5)	480
W-71-15G	Gravity	1.5	3.0	190	8.1	185 (7.3)	480
W-71-18G	Gravity	1.8	3.0	260	8.8	210 (8.3)	480
W-77-12P	Pressure	1.2	3.5	480	15.2	380 (15.0)	560
W-77-15S	Suction	1.5	3.5	250	10.2	260 (10.2)	560
W-77-20S	Suction	2.0	3.5	370	12.7	290 (11.4)	560
W-77-25S	Suction	2.5	3.5	440	16.2	300 (11.8)	560
W-77-15G	Gravity	1.5	3.5	270	10.2	290 (11.4)	560
W-77-20G	Gravity	2.0	3.5	440	12.7	320 (12.6)	560
W-77-25G	Gravity	2.5	3.5	520	16.2	330 (13.0)	560

Warning: Face and eye protection must be worn while operating power tools per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90psi (620kpa). Use cutting tool manufacturer's mounting and operating instructions.

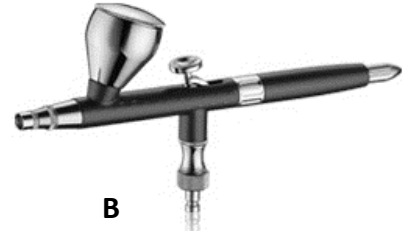
It is user's responsibility to refer and comply with ANSI B7.1

Air Brushes

NKS Air Brushes sprays most light paints with excellent control and hairline detail. Smooth double action trigger is installed. Lightweight and balanced. Offer button and trigger options.



A



B



C

Model	Pic Ref	Type of Feed	Nozzle Orifice (mm)	Cup Capacity	Air Pressure	Body Length (mm)
TR-BA	A	Central Gravity	0.2	2c.c	15-30 psi	141mm
TR-CA	A	Central Gravity	0.3	7c.c	15-30 psi	151mm
TR-RA	A	Gravity	0.3	7c.c	15-30 psi	151mm
TR-GP	B	Gravity	0.35	7/15c.c	15-30 psi	152mm
TR-GP2	B	Central Gravity	0.35	7/15c.c	15-30 psi	152mm
TR-L100	C	Central Gravity	0.30	2/7c.c	15-30 psi	152mm

Gravity Cups, Suction Cups & Containers



A



B



C

Model	Pic Ref	Type	Capacity (c.c)	Fluid Intake	Suitable Spray Gun
XC-2	A	Plastic Central Gravity	125	M14X1.0P	Mini-1
XC-4S	A	Aluminum Side Gravity	400	1/4"	W-71/X-102
XC-4	A	Aluminum Side Gravity	400	3/8"	W-77/X-202
XC-6P	B	Plastic Central Gravity	600	M16X1.5P	X-402
XC-6S	A	Aluminum Siphon	600	1/4"	W-71/pro-11
XC-10S	A	Aluminum Siphon	1000	1/4"	W-71/pro-11
XC-10	A	Aluminum Siphon	1000	3/8"	W-77/pro-22
XC-6S	C	Aluminum Siphon	600	1/4"	W-71/pro-11
XC-10S	C	Aluminum Siphon	1000	1/4"	W-71/pro-11
XC-10	C	Aluminum Siphon	1000	3/8"	W-77/pro-22

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Compact Automatic Spray Gun

The compact automatic spray guns has a wide scope of applications and are ideal for various industries. Nozzle and needle are made of stainless steel with anti wear treatment. Can be used for release agents, cooling, surface treatment, press molding, odor removal, Plant humidification, and so on.



A



B



Model	Pic Ref	Type of Feed	Nozzle Orifice (mm)	Air Cap	Atomizing Air pressure (bar)	Fluid Output (ml/min)	Air Consumption (cfm)	Pattern Width mm (in)	Wt. (g)
SA1-05P	A	Pressure	0.5	05	3.0	60	2.1	200 (7.9)	280
SA1-10P	A	Pressure	1.0	10	3.0	250	2.8	250 (9.8)	280
SA1-13P	A	Pressure	1.3	13	3.0	360	3.5	350 (13.8)	280
SA1-20P	A	Pressure	2.0	20	3.0	600	4.9	400 (15.7)	280
SA2-05P	A	Pressure	0.5	05	3.0	60	2.1	200 (7.9)	280
SA2-10P	A	Pressure	1.0	10	3.0	250	2.8	250 (9.8)	280
SA2-13P	A	Pressure	1.3	13	3.0	360	3.5	350 (13.8)	280
SA2-20P	A	Pressure	2.0	20	3.0	600	4.9	400 (15.7)	280
SA-1L-13P	B	Pressure	1.3	1.3L	3.0	50	6.0	100 (3.9)	280
SA-2L-13P	B	Pressure	1.3	1.3L	3.0	50	6.0	100 (3.9)	300

Medium Pressure Automatic Spray Gun

Features fine atomization with high adhesion and stable painting quality. Suitable for automatic painting equipment. Many nozzle size available according to your demand.

Model	Type of Feed	Nozzle Orifice (mm)	Air Cap	Atomizing Air pressure (bar)	Fluid Output (ml/min)	Air Consumption (cfm)	Pattern Width mm (in)	Wt. (g)
XA-11-08 P	Pressure	0.8	E2P	3.0	150	9.5	190 (7.5)	410
XA-11-10 P	Pressure	1.0	E2P	3.0	200	9.5	220 (8.7)	410
XA-11-13 P	Pressure	1.3	H2	2.5	250	9.2	230 (9.1)	410
XA-11-15 P	Pressure	1.5	H2	2.5	260	9.2	245 (9.6)	410
XA-11-18 P	Pressure	1.8	N1	2.5	190	6.7	240 (9.4)	410
XA-22-12 P	Pressure	1.2	G2P	3.0	500	18.7	400(15.7)	440
XA-22-15 P	Pressure	1.5	K2	3.0	270	11.7	340 (13.4)	440
XA-22-18 P	Pressure	1.8	K2	3.0	330	11.7	340 (13.4)	440
XA-22-20 P	Pressure	2.0	R2	3.0	400	12.7	320 (12.6)	440
XA-22-25 P	Pressure	2.5	W1	3.0	500	12.7	330 (13.0)	440
XA-11L-08 P	Pressure	0.8	LV4	3.0	330	15.2	200(7.9)	410
XA-11L-10 P	Pressure	1.0	LV4	3.0	330	14.5	200(7.9)	410
XA-11L-12 P	Pressure	1.2	LV4	3.0	150	14.5	200(7.9)	410
XA-22L-08 P	Pressure	0.8	X2	3.5	400	18.7	400(15.7)	440
XA-22L-10 P	Pressure	1.0	X2	2.5	400	17.7	300(11.8)	440
XA-22L-12 P	Pressure	1.2	X2	2.0	500	17.7	300(11.8)	440



Shaded grey are the HVLP models.

Warning: Face and eye protection must be worn while operating power tools per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90psi (620kpa). Use cutting tool manufacturer's mounting and operating instructions.

It is user's responsibility to refer and comply with ANSI B7.1

High Performance Automatic Spray Gun

These high performance automatic spray guns are ideal for robotic arms and applications requiring precise spray pattern control as computers, mobile phones etc.



Model	Pic Ref	Type of Feed	Nozzle Orifice (mm)	Air Cap	Air pressure (bar)		Fluid Output (ml/min)	Air Consumption (cfm)	Pattern Width mm (in)	Wt. (g)
					CAP	FAN				
XAR-11-08P	A	Pressure	0.8	E2P	2.7	2.2	150	9.5	190(7.5)	360
XAR-22-12P	A	Pressure	1.2	G2P	2.4	2.7	300	18.7	400(15.7)	380
XER-22-08P	B	Pressure	0.8	H2P	2.2	2.4	400	17.7	240(9.4)	365
XER-22-10P	B	Pressure	1.0	H2P	2.2	2.4	450	17.7	270(10.6)	365
XER-22-12P	B	Pressure	1.2	H2P	2.2	2.4	500	17.7	300(11.8)	365
XAR-11L-05S	A	Pressure	0.5	LV4	1.4	1.6	30	6.3	90 (3.5)	360
XAR-22L-08S	A	Pressure	0.8	LV4	1.4	1.6	50	8.1	110 (4.3)	380
XER-22-08P	B	Pressure	0.8	HP2	2.2	2.4	400	17.7	240 (9.4)	365
XER-22-10P	B	Pressure	1.0	HP2	2.2	2.4	450	17.7	270 (10.6)	365
XER-22-12P	B	Pressure	1.2	HP2	2.2	2.4	500	17.7	300 (11.8)	365
XAS-50-03P	C	Pressure	0.3	X45	1.4	6	-	-	-	135
XAS-50-05P	C	Pressure	0.5	X45	1.4	6	-	-	-	135
XAS-50-08P	C	Pressure	0.8	X45	1.4	6	-	-	-	135
XAS-50-10P	C	Pressure	1.0	X45	1.4	6	-	-	-	135
XAR-11L-05S	A	Pressure	0.5	LV4	1.4	1.6	30	6.3	90 (3.5)	360
XAR-22L-08S	A	Pressure	0.8	LV4	1.4	1.6	50	8.1	110 (4.3)	380
XER-22-08P	B	Pressure	0.8	HP2	2.2	2.4	400	17.7	240 (9.4)	365
XER-22-10P	B	Pressure	1.0	HP2	2.2	2.4	450	17.7	270 (10.6)	365

Round Pattern Spray Gun

Model	Nozzle Orifice (mm)	Air Cap	Atomizing Air pressure (bar)	Fluid Output ml/min	Air Consumption (cfm)	Pattern Width mm (in)	Wt (g)
XA-11R-05P	0.5	R	3.0	20~70	2.1	3.5 (1.1)	410
XA-11R-05P	0.8	R	3.0	55~110	2.4	50 (1.9)	410
XA-11-08H	0.8	E2P	3.0	150	9.5	190(7.5)	290
XA-11-10H	1.0	E2P	3.0	200	9.5	220(8.7)	290
XA-11-13H	1.3	E2P	3.0	250	9.2	230(9.1)	290
XA-11-15H	1.5	E2P	3.0	270	10.0	270(10.6)	290
XA-22-12H	1.2	G2P	3.0	500	18.7	400(15.7)	290
XA-22-15H	1.5	K2	3.0	270	11.7	340(13.4)	290
XA-22-20H	2.0	R2	3.0	400	12.7	320(12.6)	290



Shaded grey are the ceramic models.

Automatic Spray Gun for Small Areas

Model	Nozzle Orifice mm	Air Cap	Atomizing Air pressure (bar)		Fluid Output (ml/min)	Air Consumption (cfm)	Pattern Width mm(in)	Wt. (g)
			CAP	FAN				
XTR-3000-04P	0.4	E2	0.1	0.9	8	1.8	40(1.6)	130
XTR-3000-06P	0.6	E2	0.1	0.9	25	1.8	60(2.4)	130
XTR-3000-08P	0.8	E2	0.1	0.9	40	1.8	80(3.1)	130
XTR-3000-10P	1.0	E2	0.1	0.9	55	1.8	100(3.9)	130



It is user's responsibility to refer and comply with ANSI B7.1

Warning: Face and eye protection must be worn while operating power tools per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90psi (620kpa). Use cutting tool manufacturer's mounting and operating instructions.



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