

WIDER1L WIDER2L

HVLP Compliant

High Transfer Efficiency and Optimized Atomization At the Low Air Pressure Range

The major challenges of painting are reducing paint consumption and VOC. We developed unique air cap, nozzle, and spray gun body mechanism for achieving high transfer efficiency and optimized atomization at the low air pressure range.

Compared with our conventional models, HVLP spray gun can save 20% ~30% paint consumption.

HVLP spray gun has realized less paint scattering. It contributes to improvement of working environment in terms of extended maintenance period of spray booth and less paint bounce back to painter.



WIDER1L SPEC

Previous Model	Model	Type of feed	Fluid Nozzle diameter (φmm)	Atomizing air pressure (MPa)	Pressure in air cap (MPa)	Air consumption (L/min)	Fluid output (mL/min)	Pattern width (mm)	Atomization	Air cap	Weight (g)	Applications
LPH-101-122P	WIDER1L-12G2P	Pressure	1.2	0.34	0.069	530	350	270	High atomization	WIDER1L-2-G2	290	Wood and furniture, metals
LPH-101-124LVS	WIDER1L-2-12J2S	Suction	1.2	0.1	0.049	200	60	170				
LPH-101-144LVS	WIDER1L-2-14J2S		80				180					
LPH-101-164LVS	WIDER1L-2-16J2S	1.6	95	190								
LPH-101-124LVG	WIDER1L-2-12J2G	1.2	80 ^{※1}	200 ^{※1}								
LPH-101-144LVG	WIDER1L-2-14J2G	1.4	130 ^{※1}	220 ^{※1}								
LPH-101-164LVG	WIDER1L-2-16J2G	1.6	0.13	0.069	240	100	220	High atomization	WIDER1L-2-G2	290	Automotive refinishing, Wood and furniture, metals	

●Spraying distance : 200mm (for all models) ●Viscosity : 20s/NK-2 ●Air nipples : G1/4 and fluid nipples : G1/4 (for all models) ※1 Viscosity : 12s/NK-2.

WIDER2L SPEC

Previous Model	Model	Type of feed	Fluid Nozzle diameter (φmm)	Atomizing air pressure (MPa)	Pressure in air cap (MPa)	Air consumption (L/min)	Fluid output (mL/min)	Pattern width (mm)	Atomization	Air cap	Weight (g)	Applications
New Model	WIDER2L-10G2P	Pressure	1.0	0.2	0.069	470	300	250	High atomization	WIDER2L-G2	375	Large parts and vehicles, line painting
LPH-200-122P	WIDER2L-12G2P		1.2				500	300				
New Model	WIDER2L-14G2P		1.4				500	300				
New Model	WIDER2L-2-10G2P		1.0				130	280				
			1.2				150	300				

●Spraying distance : 200mm (for all models) ●Viscosity : 20s/NK-2 ●Air nipples : G1/4 and fluid nipples : G3/8 (for all models)

HVLP spray gun is the compliant gun that must be operated with its internal pressure of the air cap at 0.069 MPa or less, as prescribed by South Coast Air Quality Management District in the United States of America, which is the world's strictest in environmental regulations.

Episode of
WIDER

Since
1957

From **0** to **WIDER**

These proven products have been at the forefront of the spray gun market from 1957 to today. The early models were named "WIDER", before we transitioned to "W". We have now revived the name "WIDER" to carry on the tradition.

