

wood coatings

**ANEST
IWATA**

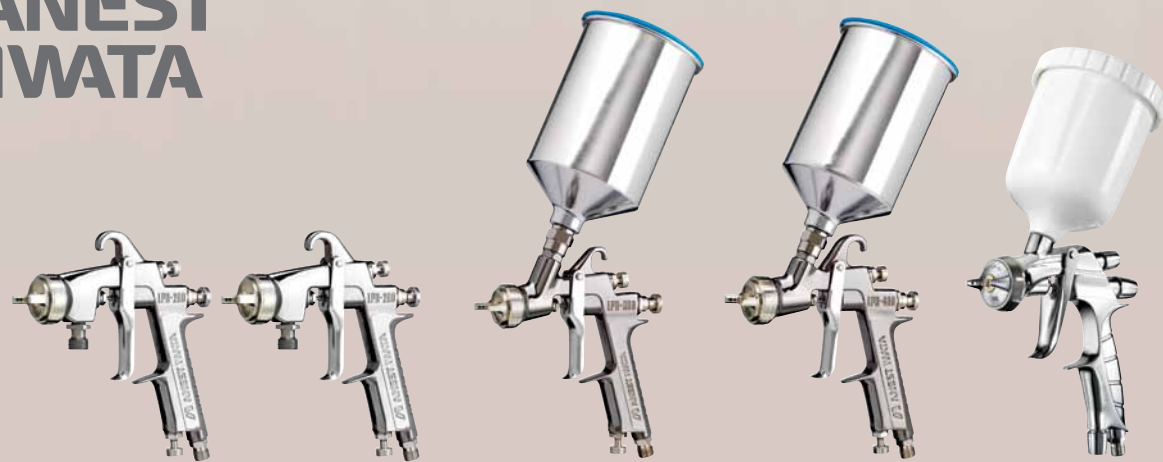


Spray Guns
& Accessories

ANEST IWATA is the North America subsidiary of ANEST IWATA Corporation in Japan, a leading manufacturer specializing in painting equipment, turnkey coating systems, air compressors and high-end dry vacuum pumps.

As part of the world-class operation we strive to exceed the highly advanced needs of North American industries with innovative, state-of-the-art technologies and services.

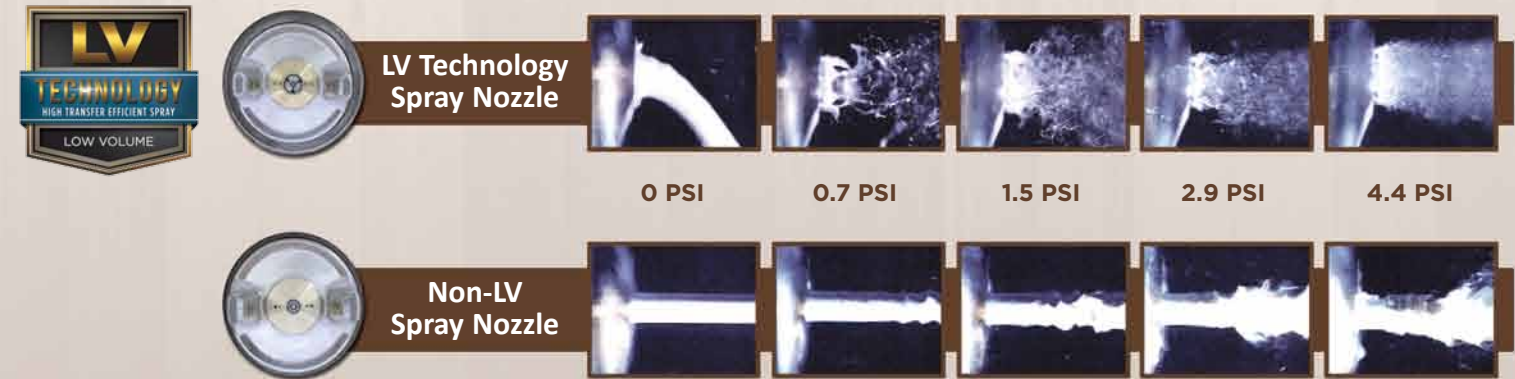
As the sole importer of ANEST IWATA finishing equipment into the North American market specializing in painting equipment and turnkey coating systems we continue to introduce and produce the most effective finishing equipment in the world.



| Model | LPH200-P | LPH200-LVP | LPH300-LV | LPH400-LV/LVB/LVX | WS400 SUPERNOVA |
|---------------|--------------|--------------|--------------|-------------------|-----------------|
| | suitable for | suitable for | suitable for | suitable for | suitable for |
| Primer/Filler | x | x | x | | |
| Base | x | x | x | x | x |
| Top | | x | x | x | x |
| Stain | | x | x | x | x |
| Epoxy | x | | | | |
| Adhesives | x | | | | |

High Transfer Efficient Spray Technology

Our patented LV Technology nozzle design features higher fluid delivery that facilitates faster, smoother application. The result is higher transfer efficiency rate, resulting in greater material savings.



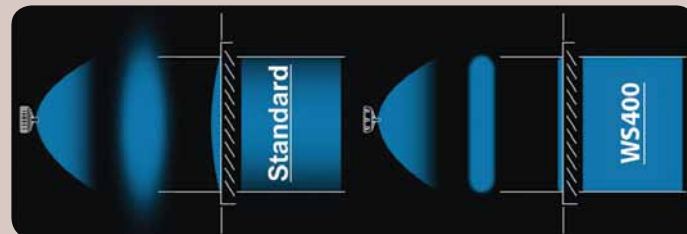
| Model | LPH101 | LPH80 | AZ3HTE CONCEPT | AZ3 HVLP-S IMPACT |
|---------------|--------------|--------------|----------------|-------------------|
| | suitable for | suitable for | suitable for | suitable for |
| Primer/Filler | x | | x | x |
| Base | x | x | x | x |
| Top | x | x | x | x |
| Stain | x | x | | |
| Epoxy | | | | |
| Adhesives | | | | |



with optional plastic gravity feed cup



- Features**
- EPA NESHAP 40 CFR, part 63 subpart 6H compliant
 - Concentrated fine atomization
 - Large fan tulip pattern
 - Very fine atomization
 - Standard for clear coats
 - Fast application speed
 - Superior transfer efficiency



The SUPERNOVA delivers a consistent droplet size when atomizing. This, combined with the flat, even SUPERNOVA pattern, helps reduce common application issues. All SUPERNOVA guns are equipped with stainless steel fluid passages ideal for any type of material, solventborne or waterborne.

| MODEL | GUN ONLY | NOZZLE mm (inch) | ATOMIZING PSI | CFM | FLUID OUTPUT ml/mm | PATTERN WIDTH mm (inch) | AIR CAP MODEL | WEIGHT g (lbs) | PCG600P-2 #6039 | PCG7D-2 #6032D | PCG10D-2 #6038D |
|---------------|----------|------------------|---------------|-------|--------------------|-------------------------|---------------|----------------|-----------------|----------------|-----------------|
| WS400-1201 HD | 5900 | 1.2 (0.047) | 29 | 12.57 | 200 | 365 (14.38) | WS-400-01 | 423 (0.93) | 5901 | 5902 | 5903 |
| WS400-OBS | 5920 | 1.3 (0.051) | | | 160 | 365 (14.38) | | | 5921 | 5922 | 5923 |
| WS400-1301 HD | 5905 | 1.3 (0.051) | | | 220 | 365 (14.38) | | | 5906 | 5907 | 5908 |
| WS400-1401 HD | 5910 | 1.4 (0.055) | | | 240 | 370 (14.57) | | | 5911 | 5912 | 5913 |
| WS400-1501 HD | 5915 | 1.5 (0.059) | | | 260 | 370 (14.57) | | | 5916 | 5917 | 5918 |

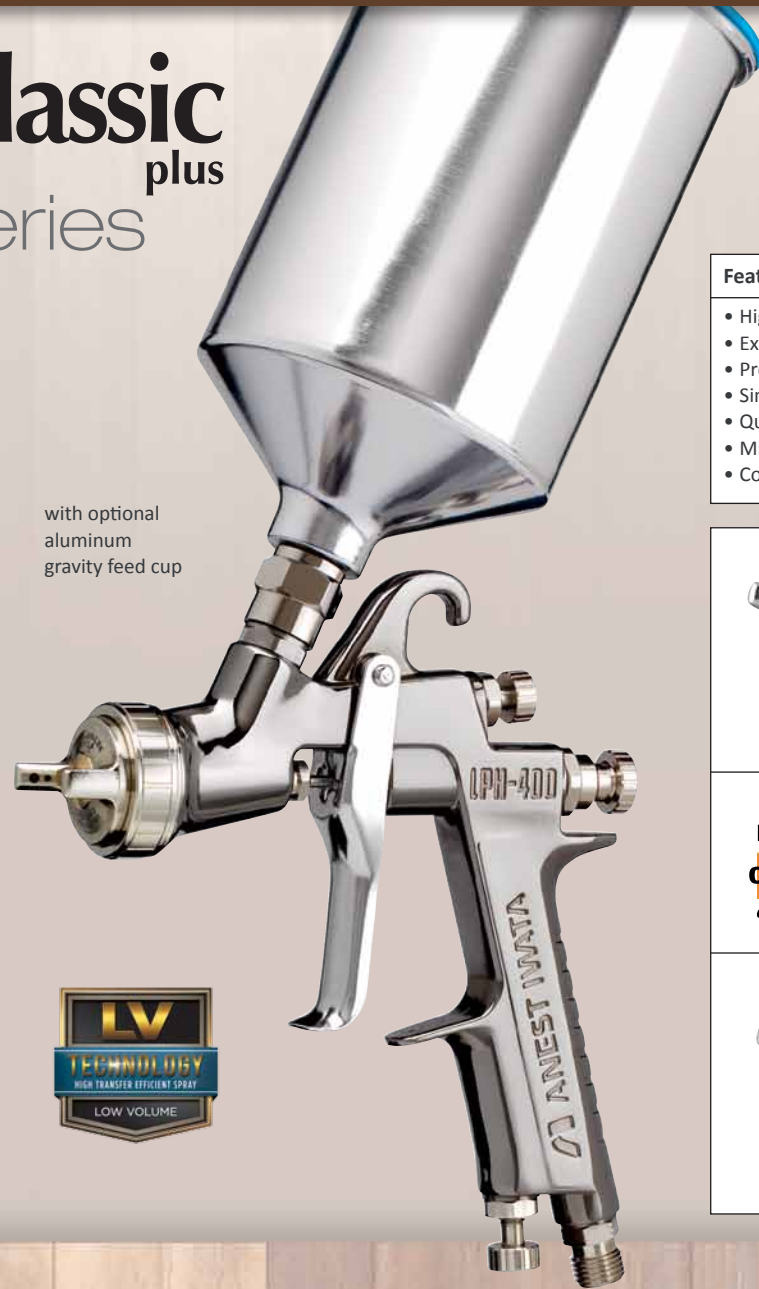
- Features**
- Compact size and lighter weight reduces fatigue when spraying
 - Full-size HVLP performance
 - Unsurpassed in transfer efficiency for spraying primer and sealer
 - Excellent for top coats, NGR stains, and industrial basecoats
 - Extremely smooth transition edge when spot sealing



with optional aluminum gravity feed cup

| MODEL | GUN ONLY # | NOZZLE SIZE | PATTERN WIDTH (IN.) | PSI | CFM | PCG7D-2 #6032D |
|--------------|------------|-------------|---------------------|-----|-----|----------------|
| LPH300-124LV | 3940 | 1.2 | 8.0 | 18 | 7.1 | 3942 |
| LPH300-134LV | 3955 | 1.3 | 8.5 | 18 | 7.1 | 3957 |
| LPH300-144LV | 3945 | 1.4 | 9.0 | 18 | 7.1 | 3947 |
| LPH300-164LV | 3950 | 1.6 | 9.0 | 19 | 8.5 | 3952 |
| LPH300-184LV | 3960 | 1.8 | 9.0 | 19 | 8.5 | 3962 |
| LPH300-204LV | 3965 | 2.0 | 9.0 | 19 | 8.5 | 3967 |


Classic plus Series



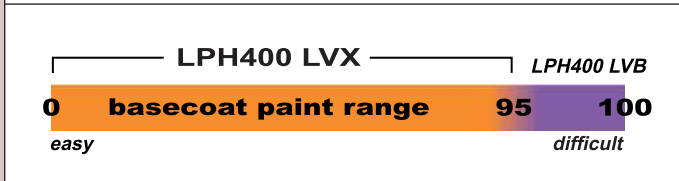
with optional aluminum gravity feed cup



- Features**
- High material savings due to LV Technology
 - Extremely low air requirement for a HVLP gun
 - Pre-atomization technology with split nozzle
 - Simple operation of the control knobs, for right and left handers
 - Quality surface for easy cleaning
 - Minimal wear parts for easy maintenance
 - Compatible with the 3M PPS cup system (Adapter Type 2)



LPH400 LVB
Designed with excellent metallic control for the most difficult basecoats.




LPH400 LVX
Designed to increase productivity for 90 to 95% of all basecoats.

- Features**
- Very fine atomization with low air consumption
 - Extremely low material consumption
 - Smaller pattern, perfect for touch up or small surface work
 - Simple operation of the control knobs, for right and left handers
 - Minimal wear parts for easy maintenance
 - Compatible with the 3M PPS cup system (Adapter Type 31)



with optional aluminum gravity feed cup



| MODEL | NOZZLE SIZE | PATTERN WIDTH (IN.) | PSI | CFM | GUN ONLY # | PCG6PM #6000 | PCG7EM #6033E | PCG10EM #6034E |
|---------------|-------------|---------------------|-----|-----|------------|--------------|---------------|----------------|
| LPH400-124LV | 1.2 | 10.2 | 16 | 9.5 | 5540 | 5541 | 5542 | 5543 |
| LPH400-134LV | 1.3 | 11.0 | 16 | 9.5 | 5640 | 5641 | 5642 | 5643 |
| LPH400-144LV | 1.4 | 11.4 | 16 | 9.5 | 5550 | 5551 | 5552 | 5553 |
| LPH400-154LV | 1.5 | 11.6 | 16 | 9.5 | 5535 | 5536 | 5537 | 5538 |
| LPH400-164LV | 1.6 | 11.8 | 16 | 9.5 | 5560 | 5561 | 5562 | 5563 |
| LPH400-184LV | 1.8 | 12.6 | 16 | 9.5 | 5570 | 5571 | 5572 | 5573 |
| LPH400-134LVX | 1.3 | 11.8 | 16 | 9.8 | 5660 | 5661 | 5662 | 5663 |
| LPH400-144LVX | 1.4 | 12.2 | 16 | 9.8 | 5670 | 5671 | 5672 | 5673 |
| LPH400-154LVX | 1.5 | 13.0 | 16 | 9.8 | 5680 | 5681 | 5682 | 5683 |
| LPH400-134LVB | 1.3 | 12.6 | 14 | 8.3 | 5700 | 5701 | 5702 | 5703 |
| LPH400-144LVB | 1.4 | 12.8 | 14 | 8.3 | 5705 | 5706 | 5707 | 5708 |
| LPH400-154LVB | 1.5 | 13.2 | 14 | 8.3 | 5710 | 5711 | 5712 | 5713 |

| MODEL | NOZZLE SIZE | PATTERN WIDTH (IN.) | PSI | CFM | GUN ONLY # | PCG2D-1 #6036D |
|----------------------|-------------|---------------------|-----|-----|------------|----------------|
| LPH80-042G | 0.4 | 1.6 | 13 | 1.8 | 4900 | 4901 |
| LPH80-062G | 0.6 | 2.4 | 13 | 1.8 | 4905 | 4906 |
| LPH80-082G | 0.8 | 3.2 | 13 | 1.8 | 4910 | 4911 |
| LPH80-102G | 1.0 | 3.9 | 13 | 1.8 | 4915 | 4916 |
| LPH80-122G | 1.2 | 4.7 | 13 | 1.8 | 4920 | 4921 |
| Large Pattern | | | | | | |
| LPH80-104G | 1.0 | 5.1 | 14 | 2.1 | 4925 | 4926 |
| LPH80-124G | 1.2 | 5.5 | 14 | 2.1 | 4930 | 4931 |



- Features**
- Robust spray gun
 - Flat and thin spray pattern with a fine atomization
 - All wetted parts in stainless steel
 - Simple operation of the control knobs, for right and left handers
 - Replacement parts available
 - Compatible with the 3M PPS cup system (Type 43)



- Features**
- Robust spray gun with flow pressure
 - Large, uniform spray pattern for materials with high viscosity due to Pressure Assisted System (P.A.S.)
 - Amazingly high material discharge with high-viscous materials due to direct pressurization
 - Replacement parts available
 - High material transfer rate
 - All wetted parts in stainless steel
 - Precise mini controller for cup flow pressure



with optional plastic gravity feed cup



3M PPS Type 43



with optional plastic gravity feed cup

| MODEL | GUN ONLY | FLUID NOZZLE SIZE mm (inch) | ATOMIZING PSI | CFM | PATTERN WIDTH mm (inch) |
|--------------|----------|-----------------------------|---------------|------|-------------------------|
| AZ3HVLP-S 13 | 9234 | 1.3 (0.051) | 29 | 7.0 | 241.3 (9.5) |
| AZ3HVLP-S 14 | 9235 | 1.5 (0.059) | 29 | 7.0 | 254.0 (10) |
| AZ3HVLP-S 15 | 9236 | 1.8 (0.063) | 29 | 7.5 | 304.8 (12) |
| AZ3HVLP-S 16 | 9237 | 2.0 (0.079) | 29 | 7.5 | 342.9 (13.5) |
| AZ3HVLP-S 18 | 9238 | 3.0 (0.118) | 44 | 10.5 | 406.4 (16) |
| AZ3HVLP-S 20 | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |
| AZ3HV2-13GC | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |
| AZ3HV2-15GC | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |
| AZ3HV2-18GC | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |
| AZ3HV2-20GC | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |

| MODEL | GUN ONLY | FLUID NOZZLE SIZE mm (inch) | ATOMIZING PSI | CFM | PATTERN WIDTH mm (inch) |
|--------------|----------|-----------------------------|---------------|------|-------------------------|
| AZ3HTE2-13GC | 9234 | 1.3 (0.051) | 29 | 7.0 | 241.3 (9.5) |
| AZ3HTE2-15GC | 9235 | 1.5 (0.059) | 29 | 7.0 | 254.0 (10) |
| AZ3HTE2-18GC | 9236 | 1.8 (0.063) | 29 | 7.5 | 304.8 (12) |
| AZ3HTE2-20GC | 9237 | 2.0 (0.079) | 29 | 7.5 | 342.9 (13.5) |
| AZ3HTE2-30GC | 9238 | 3.0 (0.118) | 44 | 10.5 | 406.4 (16) |
| AZ3HTE2-35GC | 9239 | 3.5 (0.138) | 44 | 10.5 | 419.1 (16.5) |
| AZPVA | 9200 | n/a | 86 | 11.3 | n/a |

- Features**
- Heavy-duty, lightweight pressure feed HVLP spray gun
 - Standard spray set-up for industrial applications and higher viscosity materials
 - LV Technology and tulip inspired spray pattern, for superior atomization and minimal overspray



- Features**
- Compact, lightweight pressure feed HVLP spray gun reduces fatigue while maintaining full size spray gun functionality
 - LV Technology and tulip inspired spray pattern for superior atomization and minimal overspray for higher transfer efficiency



| MODEL | NOZZLE SIZE | PATTERN WIDTH (inch) | PSI | CFM | GUN ONLY # |
|---------------------------|-------------|----------------------|-----|------|------------|
| Pressure | | | | | |
| LPH200-102P | 1.0 | 10.7 | 28 | 17.7 | 5403 |
| LPH200-122P | 1.2 | 11.8 | 28 | 17.7 | 5400 |
| LPH200-142P | 1.4 | 12.5 | 28 | 17.7 | 5405 |
| LPH200 LV Pressure | | | | | |
| LPH200-086LVP | 0.8 | 12.6 | 28 | 13.5 | 5406 |
| LPH200-106LVP | 1.0 | 13.0 | 28 | 13.5 | 5407 |
| LPH200-126LVP | 1.2 | 13.8 | 28 | 13.5 | 5408 |
| LPH200-136LVP | 1.3 | 14.9 | 28 | 13.5 | 5419 |
| LPH200-146LVP | 1.4 | 14.9 | 28 | 13.5 | 5409 |
| LPH200-156LVP | 1.5 | 14.9 | 28 | 13.5 | 5413 |

| MODEL | NOZZLE SIZE | PATTERN WIDTH (inch) | PSI | CFM | GUN ONLY # |
|---------------------------|-------------|----------------------|-----|------|------------|
| LPH101 Pressure | | | | | |
| LPH101-081P | 0.8 | 6.7 | 38 | 15.2 | 5310B |
| LPH101-101P | 1.0 | 7.9 | 38 | 15.2 | 5313B |
| LPH101-122P | 1.2 | 10.6 | 50 | 18.7 | 5325B |
| LPH101-131P | 1.3 | 9.4 | 38 | 15.2 | 5316B |
| LPH101-151P | 1.5 | 9.8 | 38 | 15.2 | 5319B |
| LPH101 LV Pressure | | | | | |
| LPH100-082LVP | 0.8 | 9.1 | 25 | 7.1 | 5331 |
| LPH100-102LVP | 1.0 | 9.8 | 25 | 7.1 | 5332 |
| LPH101-062LVP | 0.6 | 8.5 | 25 | 7.1 | 5334 |
| LPH101-112LVP | 1.1 | 10.5 | 25 | 7.1 | 5335 |

MULTI-SPRAY PUMPS // airless supported pump equipment

Anest Iwata stainless steel Multi-Spray Systems combine the advantages of air spray and airless spray to suit a wide range of applications. The double-action pump minimizes pulsation and reduces wear on pump components.

The system is available in three different configurations:

Wall Mount (13:1 and 17:1)

Cart Mount (13:1 and 17:1)

Stand Mount (13:1)

In comparison with standard air spray:

- Improved coating environment due to minimal overspray
- Coating cabinet corners or recessed areas made easy with the system's excellent penetration
- Thick film applications made possible when spraying high viscosity materials, up to approximately 300cp viscosity
- Higher productivity by delivering more material to the work surface in less time

In comparison with airless spray:

- Lower fluid pressures
- Softer atomization without tails assures high quality finishing
- Coating small parts with optimal fluid output at low pressure
- Low fluid pressure assures safe operation and increases pump durability
- Adjustable spray pattern adapts to the shape of the work piece

Stainless Steel Fluid Passages:

The fluid passages of this pump and spray gun are made of stainless steel and are ideal for applications requiring waterborne or solvent borne materials.

Easy Handling and Installation:

Weighing approximately 40 lbs. (13:1) or 50lbs. (17:1), the units are easily installed. Connect the air supply, multi-spray gun and hoses and it is ready to use.

Easy Maintenance:

Simple construction assures easy maintenance.

| MULTI-SPRAY GUNS | | |
|------------------------|----------|-----------|
| Model | MSG200B | MSA200 |
| Type | Manual | Automatic |
| Max Fluid Pressure | 2160 psi | 1430 psi |
| Max Air Inlet Pressure | 98 psi | 98 psi |
| Air / Fluid Inlet | 1/4" BSP | 1/4" BSP |
| Fluid Filter | 200 Mesh | 200 Mesh |
| Weight (oz) | 18 | 25 |



MULTI-SPRAY PUMPS // airless supported pump equipment



**13:1
MULTI-SPRAY
PUMP**



**17:1
MULTI-SPRAY
PUMP**

Pump units sold individually. SPECIFY NOZZLE TIP SIZE WHEN ORDERING SYSTEM.

| MODEL | MOUNT TYPE | DIMENSION (inch) | WEIGHT (lbs) | PRESSURE RATIO | MAX AIR INLET PRESSURE | MAX FLUID PRESSURE | MAX FLUID OUTPUT GAL/MIN | AIR INLET | AIR OUTLET (SPRAY GUN) | FLUID OUTLET | FLUID FILTER | FLUID PASSAGE | AIR REGULATOR | SUCTION TUBE | SPRAY GUN | HOSES |
|-------------|------------|------------------|--------------|----------------|------------------------|--------------------|--------------------------|-----------|------------------------|--------------|---------------------|-----------------|-------------------------------------|---|-----------|-------------------------|
| MSU323N-SYS | Cart | 20 x 21 x 40 | 49 | 17:1 | 98 PSI | 1666 PSI | 0.93 GAL/MIN | 1/4" BSP | 1/4" BSP | 1/4" BSP | 100 MESH | STAINLESS STEEL | 2 AIR REGULATORS (PUMP / SPRAY GUN) | 50 MESH INLET FILTER & CIRCULATION TUBE | MSG200 | 25 FT, 1/4" BSP FITTING |
| MSU324N-SYS | Wall | 15 x 11 x 29 | 38 | | | | | | | | | | | | | |
| MSU111N-SYS | Stand | 21 x 21 x 40 | 35 | 13:1 | 98 PSI | 1274 PSI | 0.50 GAL/MIN | 1/4" BSP | 1/4" BSP | 1/4" BSP | 100 MESH (OPTIONAL) | STAINLESS STEEL | 2 AIR REGULATORS (PUMP / SPRAY GUN) | 50 MESH INLET FILTER & CIRCULATION TUBE | MSG200 | 25 FT, 1/4" BSP FITTING |
| MSU113N-SYS | Cart | 20 x 21 x 40 | 40 | | | | | | | | | | | | | |
| MSU114N-SYS | Wall | 13 x 11 x 25 | 29 | | | | | | | | | | | | | |

| NOZZLE TIP SPECIFICATIONS | | | | | | | |
|---------------------------|--------------|-----------------------|----------------------|-----------|--------------|-----------------------|----------------------|
| MODEL | ORIFACE SIZE | FLUID OUTPUT (oz/min) | PATTERN WIDTH (inch) | MODEL | ORIFACE SIZE | FLUID OUTPUT (oz/min) | PATTERN WIDTH (inch) |
| NT1502CMU | 0.008 | 6 | 5 - 7 | NT3003CMU | 0.012 | 18 | 11 - 13 |
| NT1503CMU | 0.009 | 9 | 5 - 7 | NT3004CMU | 0.014 | 24 | 11 - 13 |
| NT2002CMU | 0.008 | 8 | 7-9 | NT2002CMU | 0.016 | 30 | 11 - 13 |
| NT2003CMU | 0.011 | 12 | 7-9 | NT3005CMU | 0.019 | 37 | 11 - 13 |
| NT2004CMU | 0.014 | 16 | 7-9 | NT3503CMU | 0.013 | 21 | 13 - 15 |
| NT2005CMU | 0.016 | 20 | 7-9 | NT3504CMU | 0.016 | 28 | 13 - 15 |
| NT2503CMU | 0.011 | 15 | 9-11 | NT3505CMU | 0.019 | 36 | 13 - 15 |
| NT2504CMU | 0.014 | 20 | 9-11 | NT3506CMU | 0.021 | 43 | 13 - 15 |
| NT2505CMU | 0.018 | 25 | 9-11 | | | | |

PRESSURE POTS

2 GALLON PRESSURE POT Part # PET-10

(max. 100 psi)



Features

- Paint pressure tank with stainless steel inner tank for easy filling and trouble-free interior cleaning
- Robust construction
- Suitable for hydraulic products
- Carry handle for quick and easy transport
- Equipped with locking lid, 2 controllers, 2 pressure gauges and safety valve
- Tank capacity: 10 liter, inner tank 8.5 liter stainless steel
- Air inlet joint: G 1/4" M
- Fluid output joint: 3/8" M
- Operating temperature: 5-40 .C
- Weight: 11kg
- Dimensions: 310x310x565mm

PC18D 2 QUART PRESSURE POT Part # 60013B

Also available in an agitated version



Features

- Small Paint Pressure Tank aluminum
- 2 liter
- Operating temperature: 5-40 .C
- Fluid Nipple: G 3/8" (PF3/8)

TYPICAL SET UP



Air/fluid hose optional lengths not shown
SPRAY GUN NOT INCLUDED

CLEANING AND MAINTENANCE

- Take out fluid adj. knob and needle spring
- and also needle as well
- take off the air cap
- Unscrew fluid nozzle with spanner universal
- Clean the material passage with brush
- Clean the material passage with brush
- Clean the body surface
- Dry with air duster gun
- Clean small holes on the fluid nozzle with a special tiny brush
- and clean also nozzle orifice
- Clean tip of the nozzle carefully with brush
- Clean also thread of the nozzle carefully with brush
- Clean the fluid nozzle internally with the correct size brush
- Clean the air cap center hole
- Clean tiny holes with needle
- Clean horn holes with special tiny brush
- and the back side as well
- Clean needle
- Assemble fluid nozzle
- Tighten up the fluid nozzle with spanner universal
- Assemble the air cap and hand-tighten it
- Grease the needle
- Insert the needle
- Grease the fluid adj. knob screw
- Grease the needle spring
- Grease the air valve bar behind the trigger
- Adjust (15 - 60 degree tighten) needle packing with spanner universal
- Check the trigger and needle travel smoothly
- brush ϕ 3mm
- brush ϕ 10mm
- brush ϕ 15mm
- grease
- brush
- needle
- spanner



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