

# Accuspray™ Spray Solutions

For More Information:



[3MSpraySolutions.com](http://3MSpraySolutions.com)



[3MMarine.com](http://3MMarine.com)



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Truck & Trailer



Automotive



Mobile Refinishing



Rail & Bus



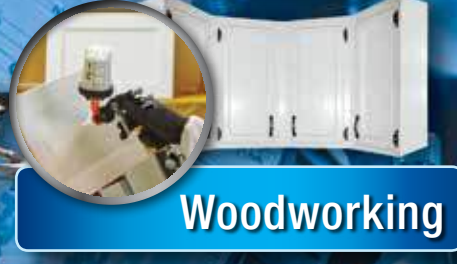
Marine



Aerospace



Construction



Woodworking



Recreational Vehicle

From production to precision, thick coatings to thin, the Accuspray™ Spray Solutions portfolio coupled with the 3M™ PPS™ Paint Preparation System offers YOU premium performance while making cleaning and maintenance, *faster, easier and LESS EXPENSIVE.*



# 3M

# 3M™ Accuspray™ HVLP Gravity Feed Spray Guns



## Series 07HS

Metal-bodied, gravity fed HVLP spray gun. For use with compressed air with a 4:1 reduction ratio. **Designed for excellent atomization and application of all automotive type coatings.** The 'Pro-Kits' come packaged with a regulator, 2 atomizing sets and a standard (22 oz) 3M™ PPS™ cup and collar. Additional 3M™ PPS™ cup sizes available in 3 oz, 6 oz, 13.5 oz and 28 oz sizes.

| Item       | PN 07HS-Pro 1            | PN 07HS-Pro 4            |
|------------|--------------------------|--------------------------|
| Cup        | 3M™ PPS™ Standard, 22 oz | 3M™ PPS™ Standard, 22 oz |
| Regulator  | 93-103                   | 93-103                   |
| Tip/Nozzle | 1.3mm                    | 1.5mm                    |
| Tip/Nozzle | 1.8mm                    | 1.8mm                    |
| Air Cap    | 725                      | 725                      |
| Air Cap    | 726                      | 726                      |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9



## Series 10G

This composite bodied HVLP spray gun offers a lightweight solution without compromising durability. For use with turbine supplied air or with regulated compressed air using the 36-00 regulator. Designed for excellent atomization and application of a wide variety of coatings including, but not limited to the following markets: automotive, mobile refinishing, marine, industrial, woodworking, and construction. Additional 3M™ PPS™ cups are available separately in 3 oz, 6 oz, 13.5 oz, 22 oz and 28 oz sizes.

| Item       | PN 10G-Pro 1             | PN 10G-Pro 3 |
|------------|--------------------------|--------------|
| Cup        | 3M™ PPS™ Standard, 22 oz | none         |
| Regulator  | 36-00                    | none         |
| Tip/Nozzle | 1.3mm                    | 1.3mm        |
| Tip/Nozzle | 1.8mm                    | 1.8mm        |
| Air Cap    | 705                      | 705          |
| Air Cap    | 707                      | 707          |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9

For More Information:



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# 3M™ Accuspray™ HVLP Pressurized Spray Guns



## Series 10GP

The pressurized cup version of the Series 10G spray gun. The composite body offers a light weight solution without compromising the durability. This gun comes packaged with the 3M™ PPS™ H/O Pressure 6 oz cup (28 oz size available separately) which increases the versatility and application speed, allowing for excellent atomization of coatings, from thick to thin. Great for production or touchups and everything in between.

| Item       | PN 10GP-Pro 1                         | PN 10GP-Pro 4                         |
|------------|---------------------------------------|---------------------------------------|
| Cup        | 3M™ PPS™ Type H/O Mini Pressure, 6 oz | 3M™ PPS™ Type H/O Mini Pressure, 6 oz |
| Regulator  | 36-00                                 | 36-00                                 |
| Tip/Nozzle | 0.9mm                                 | 1.1mm                                 |
| Tip/Nozzle | 1.3mm                                 | 1.5mm                                 |
| Air Cap    | 5                                     | 7                                     |
| Air Cap    | 8                                     | 9                                     |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9



## Series 10

The Accuspray™ Series 10 gun has been referred to as one of the softest atomizing spray guns on the market. This gun can be used with turbine supplied air or with regulated compressed air using the 36-00 regulator. This bottom (siphon) feed gun comes packaged with the 3M™ PPS™ H/O Pressure 28 oz cup (6 oz H/O Pressure cup available separately). Great for production or touchups and everything in between.

| Item       | PN 10-Pro 1                       | PN 10-Pro 3 | PN 10-Pro 4                       | PN 10-Pro 6 |
|------------|-----------------------------------|-------------|-----------------------------------|-------------|
| Cup        | 3M™ PPS™ Type H/O Pressure, 28 oz | none        | 3M™ PPS™ Type H/O Pressure, 28 oz | none        |
| Regulator  | 36-00                             | none        | 36-00                             | none        |
| Tip/Nozzle | 0.9mm                             | 0.9mm       | 1.1mm                             | 1.1mm       |
| Tip/Nozzle | 1.3mm                             | 1.3mm       | 1.5mm                             | 1.5mm       |
| Air Cap    | 5                                 | 5           | 7                                 | 7           |
| Air Cap    | 8                                 | 8           | 9                                 | 9           |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9

# 3M™ Accuspray™ HVLP Pressure Feed Spray Guns



## Series 12S Your solution for BOTH Production (bulk) & Precision (cup) spraying!

Built for the toughest Industrial applications, this composite-bodied spray gun offers light weight, without compromising durability. The Series 12S can be used on bulk feed, pressure pot or pump applications, or with a 3M™ PPS™ H/O Pressurized cup (available in 28 oz and 6 oz sizes). For use with compressed air, this HVLP spray gun offers excellent atomization from the thickest to thinnest of coatings, from production to precision spray patterns.

| Item       | PN 12S-Pro 1                      | PN 12S-Pro 3 | PN 12S-Pro 4                      | PN 12S-Pro 6 | PN 12S-Pro 9*         |
|------------|-----------------------------------|--------------|-----------------------------------|--------------|-----------------------|
| Cup        | 3M™ PPS™ Type H/O Pressure, 28 oz | none         | 3M™ PPS™ Type H/O Pressure, 28 oz | none         | none                  |
| Regulator  | 93-103                            | none         | 93-103                            | none         | none                  |
| Tip/Nozzle | 0.9mm                             | 0.9mm        | 1.1mm                             | 1.1mm        | none                  |
| Tip/Nozzle | 1.3mm                             | 1.3mm        | 1.5mm                             | 1.5mm        | 1.8mm                 |
| Air Cap    | 5                                 | 5            | 7                                 | 7            | none                  |
| Air Cap    | 8                                 | 8            | 9                                 | 9            | 10 (Composite aircap) |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9

*\*Ideal for Adhesive applications*



## Series 12SZ Zinc coating resistant!

Zinc compatible version of the series 12S spray gun. All wetted parts are made from proprietary non-stick materials including a full composite needle, nozzle, air cap and fluid passage virtually eliminating material buildup inside of the spray gun. The 12SZ-Pro 1 kit comes with the 3M™ PPS™ Pressure 28 oz cup and 93-103 air pressure regulator.

| Item          | PN 12SZ-Pro 1                     | PN 12SZ-Pro 2 |
|---------------|-----------------------------------|---------------|
| Cup           | 3M™ PPS™ Type H/O Pressure, 28 oz | none          |
| Regulator     | 93-103                            | none          |
| Needle/Nozzle | 1.3mm                             | 1.3mm         |
| Needle/Nozzle | 1.8mm                             | 1.8mm         |
| CAC           | 8                                 | 8             |
| CAC           | 10                                | 10            |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9

For More Information:



3MSpraySolutions.com



3MMarine.com



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# 3M™ Accuspray™ 2 Quart Remote Cup Packages



## Series 39

The perfect package for applications requiring 2 quarts of material or a remote cup. These packages contain our Series 12S Spray Guns along with a 2 quart remote cup with dual regulators, 6 foot air and fluid hoses, 2 needle tip/nozzle sets and 2 air caps.

| Item          | PN 39-Pro 1                    | PN 39-Pro 2                    |
|---------------|--------------------------------|--------------------------------|
| Cup/Regulator | 42-530 2qt cup/lid & regulator | 42-530 2qt cup/lid & regulator |
| Tip/Nozzle    | 0.9mm                          | 1.1mm                          |
| Tip/Nozzle    | 1.3mm                          | 1.5mm                          |
| Air Cap       | 5                              | 7                              |
| Air Cap       | 8                              | 9                              |

- For a full list of 3M™ PPS™ Lids, Liners and Accessories, go to page 21
- Additional atomizing sets available, go to page 9

# 3M™ Accuspray™ Turbine Reference Guide



## Turbine Packages

These two packages include our Accuspray™ Series 10 bottom (siphon) feed spray gun and 3M™ PPS™ H/O Pressure 28 oz cup. We offer a choice of a 3 stage or 4 stage turbine. Both packages come with a 30 foot air hose with whip and quick disconnect fitting, (3) needle tip and nozzle sets, and (2) aluminum air caps.

### Series 23K (3 stage, 110 volt)

| Item       | PN 23K-Pro 1                      |
|------------|-----------------------------------|
| Cup        | 3M™ PPS™ Type H/O Pressure, 28 oz |
| Tip/Nozzle | 0.9mm                             |
| Tip/Nozzle | 1.1mm                             |
| Tip/Nozzle | 1.5mm                             |
| Air Cap    | 6                                 |
| Air Cap    | 9                                 |

### Series 240K (4 stage, 110 volt)

| Item       | PN 240K-Pro 1                     |
|------------|-----------------------------------|
| Cup        | 3M™ PPS™ Type H/O Pressure, 28 oz |
| Tip/Nozzle | 0.9mm                             |
| Tip/Nozzle | 1.1mm                             |
| Tip/Nozzle | 1.5mm                             |
| Air Cap    | 6                                 |
| Air Cap    | 9                                 |

# 3M™ Accuspray™ Turbine/Compressor Package



## Series 240C Turbine/Compressor

The Series 240C is a 4 stage turbine with a small built-in compressor for pressurizing the 2 qt. remote cup assembly. The 240C package includes the Series 10 bottom (pressure) feed spray gun, a 2 qt. remote aluminum cup with 6 foot hoses, 3M™ PPS™ H/O Mini Pressure 6 oz cup, (3) needle tip and nozzle sets, and (2) aluminum air caps.

### Series 240C (4 stage, 110 volt)

| Item       | PN 240C-Pro 1                         |
|------------|---------------------------------------|
| Cup        | 2 Quart                               |
| Cup        | 3M™ PPS™ Type H/O Mini Pressure, 6 oz |
| Tip/Nozzle | 0.9mm                                 |
| Tip/Nozzle | 1.1mm                                 |
| Tip/Nozzle | 1.5mm                                 |
| Air Cap    | 6                                     |
| Air Cap    | 9                                     |

For More Information:



3MSpraySolutions.com



3MMarine.com



3MCollision.com



# 3M™ Accuspray™ Gravity Feed Turbine Packages



## Turbine Packages

These two packages include our Accuspray™ Series 10G gravity feed spray gun and the 3M™ PPS™ Standard 22 oz cup. We offer a choice of a 3 stage or 4 stage turbine. Both packages come with a 30 foot air hose with whip and quick disconnect fitting, (3) needle tip and nozzle sets, and (2) aluminum air caps.

### Series 23G (3 stage, 110 volt)

| Item       | PN 23G-Pro 1             |
|------------|--------------------------|
| Cup        | 3M™ PPS™ Standard, 22 oz |
| Tip/Nozzle | 1.3mm                    |
| Tip/Nozzle | 1.8mm                    |
| Air Cap    | 705                      |
| Air Cap    | 707                      |

### Series 240G (4 stage, 110 volt)

| Item       | PN 240G-Pro 1            |
|------------|--------------------------|
| Cup        | 3M™ PPS™ Standard, 22 oz |
| Tip/Nozzle | 1.3mm                    |
| Tip/Nozzle | 1.8mm                    |
| Air Cap    | 705                      |
| Air Cap    | 707                      |

# 3M™ Accuspray™ Turbines ONLY



## Turbines ONLY

The Series 240C is a four stage turbine with a small built-in compressor for pressurizing a remote cup assembly.

### Turbines ONLY

| Item                 | Description                         |
|----------------------|-------------------------------------|
| Part Number: 23i-T   | Series 23 Turbine Unit              |
| Part Number: 240-T   | Series 240 Turbine Unit             |
| Part Number: 240C-TC | Series 240C Turbine/Compressor Unit |

# 3M™ Accuspray™ Fluid Handling Equipment



## Attached Cup Assemblies

As a quick reference, cup parts are also listed. All items listed as NSS are not sold separately.

| Part # | Cup Type                       | Lid Assembly | Cup Only | Check Valve | Gasket   |
|--------|--------------------------------|--------------|----------|-------------|----------|
| 41-11  | ½ Pint Cup Pressurized         | 94-101       | 94-082   | 94-049/3    | 94-084/4 |
| 41-14  | 250 mL Cup Pressurized         | NSS          | NSS      | 94-666/3    | 94-662/2 |
| 41-22  | 1 Quart Pressurized            | 94-057       | 94-056   | 94-049/3    | 94-034/4 |
| 97-257 | 600 mL Gravity Cup – Aluminum  | 97-261       | 97-259   | -           | 97-262/2 |
| 97-258 | 1000 mL Gravity Cup – Aluminum | 97-261       | 97-260   | -           | 97-262/2 |



## Storage Cups & Caps

Items listed as NSS are Not Sold Separately.

| Part # | Cup Type                                   | Cap Assembly | Cup Only |
|--------|--|--------------|----------|
| 94-665 | 250 mL Storage up with Cap - Used w/ 41-14 | NSS          | NSS      |



## 2 Quart Remote Cup Assemblies

6' air and fluid hose assemblies are available for purchase separately, **See page 11.**

| Part # | Cup Type                               | Fluid Hose | Air Hose | Gasket |
|--------|--|------------|----------|--------|
| 42-03  | 2 Qt. Cup Assembly – No Regulator      | -          | -        | 94-122 |
| 42-130 | 2 Qt. with Single Fluid Regulator      | -          | -        | 94-122 |
| 42-530 | 2 Qt with Dual High-Pressure Regulator | -          | -        | 94-122 |

# 3M™ Accuspray™ Regulator Assemblies



## Shop Air Regulator and Gauge Assemblies

| Part Number | Description  |
|-------------|--|
| 36-00       | Low pressure mini-regulator with QD and gauge assembly |
| 93-103      | High pressure mini-regulator and gauge assembly        |

For More Information:



3MSpraySolutions.com



3MMarine.com



3MCollision.com





# 3M™ Accuspray™ Air Caps, Tips and Nozzles

## Air Caps

To order, replace the “x” with the desired size. For example 91-009-10



| Part Number | Description                       | Sizes                   | Gun Model           |
|-------------|-----------------------------------|-------------------------|---------------------|
| 91-009-x    | Standard Composite Air Cap        | 8, 10, 11,              | 10, 10GP, 12S, 12SZ |
| 91-071-x    | Standard Aluminum Air Cap         | 3, 4, 5, 6, 7, 8, 9, 11 | 10, 10GP, 12S       |
| 97-009-xxx  | Gravity Aluminum Air Cap          | 704, 705, 707           | 10G                 |
| 97-077-xxx  | High Solids (HS) Aluminum Air Cap | 725, 726                | 07HS                |

## Composite Tips

To order, replace the “x’s” with the desired size. For example 91-107-043/4



| Part Number  | Description                       | Sizes  | Gun Model     |
|--------------|-----------------------------------|--|---------------|
| 91-107-xxx/4 | Standard Composite Tips Pack of 4 | .021, .028, .036, .043, .051, .061, .072, .084, .110 | 10, 10GP, 12S |
| 97-019-xxx/4 | Gravity Composite Tips Pack of 4  | 728, 736, 743, 751, 761, 772, 784                    | 07HS, 10G     |

## Composite Tips/Stainless Nozzle Sets

To order, replace the “x’s” with the desired size. For example 91-143-043DT



| Part Number  | Description                      | Sizes***   | Gun Model     |
|--------------|----------------------------------|--|---------------|
| 91-143-xxxDT | Standard Tip & Nozzle            | .021, .028, .036, .043, .051, .061, .072, .084, .110 | 10, 10GP, 12S |
| 97-050-xxx   | 10G                              | 751, 761, 772, 784                                   | 10G           |
| 97-079-xxx   | 07 High Solids (HS) Tip & Nozzle | 736, 743, 751, 761, 772                              | 07HS          |

\*\*\*Refer to Metric Conversion Chart

## Metric Conversion Chart

|           |           |           |           |           |           |           |           |           |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| .021<br>▼ | .028<br>▼ | .036<br>▼ | .043<br>▼ | .051<br>▼ | .061<br>▼ | .072<br>▼ | .084<br>▼ | .110<br>▼ |
|           | 728       | 736       | 743       | 751       | 761       | 772       | 784       |           |
| 0.5mm     | 0.7mm     | 0.9mm     | 1.1mm     | 1.3mm     | 1.5mm     | 1.8mm     | 2.0mm     | 3.0mm     |

# 3M™ Accuspray™ Maintenance Parts

## Gun Maintenance Kits



| Part Number | Gun Models      |
|-------------|-----------------|
| 91-028      | 10              |
| 91-028-G    | 10G, 10GP       |
| 91-119      | 12s, 12sz       |
| 97-049      | 07, 07HS, 07HSP |

## Gun Body Replacement Kits



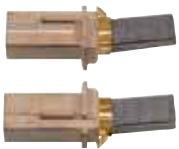
| Part Number | Gun Models |
|-------------|------------|
| 91-152-A    | 10         |
| 91-152-B    | 12s, 12sz  |
| 91-152-G    | 10G, 10GP  |

## Turbine Filter Packages



| Part Number | Turbine Models |
|-------------|----------------|
| 92-172      | 240C Series    |
| 92-254      | 23 Series      |
| 92-301      | 240 Series     |

## Turbine Carbon Brush Sets



| Part Number | Turbine Models     |
|-------------|--------------------|
| 92-303-A/2  | 23, 240, 240C      |
| 92-426/2    | 23HV Series – 240v |

## Maintenance Tools



| Part Number | Description                  |
|-------------|------------------------------|
| 91-470      | Gun Brush Kit                |
| 97-047      | Gun Wrench – Metal Body Guns |

For More Information:



3MSpraySolutions.com



3MMarine.com



3MCollision.com



# 3M™ Accuspray™ Maintenance Parts

## Fluid Cup Parts



| Part Number | Description  | Pack Qty |
|-------------|--|----------|
| 94-021/3    | Diaphragm, 1 Qt. Cup Lid fits 41-22 and 41-42          | 3        |
| 94-034/4    | Gasket, 1 Qt. Cup Lid, fits 41-22                      | 4        |
| 94-049/3    | Check Valve, Fits 41-14, 41-22, 41-42                  | 3        |
| 94-064/3    | Spring Clips to retain Diaphragm, fits 41-22 and 41-42 | 3        |
| 94-084/4    | Gasket for 1/2 Pint Cup Lid, fits 41-11                | 4        |
| 94-598/2    | Gasket, fits 41-42 Cup                                 | 2        |
| 94-662/2    | Gasket, fits 41-14 Cup                                 | 2        |
| 94-666/3    | Check Valve, fits 41-14                                | 3        |
| 97-262/2    | Gasket, fits 97-257 and 97-258 Gravity Cups            | 2        |
| UH-1377/3   | Gasket, fits 600 mL, 650 mL, and 850 mL Pressure Cups  | 3        |

## Common Hose Assemblies

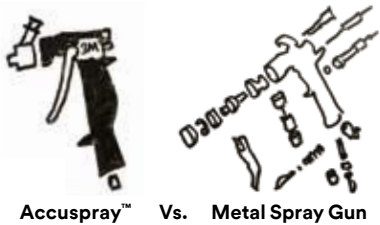


| Part Number  | Description                              |
|--------------|--|
| 60-1433006   | 6' High Pressure Air Hose – 1/4" ID      |
| 60-4015003   | 3' Flex Whip Hose – 3/4" ID              |
| 60-4016003   | 6' Flex Whip Hose with QD – 3/4" ID      |
| 60-4018003   | 3' Whip Hose Assly with QD & Shut Off    |
| 60-4018006   | 6' Whip Hose Assly with QD & Shut Off    |
| 60-4115030   | 30' Low Pressure Air Hose                |
| 60-4116530   | 30' Low Pressure Air Hose, QD, Whip, BCV |
| 60-4118730   | 30' Low Pressure Air Hose, QD, Whip      |
| 60-5433030   | 30' High Pressure Air Hose – 5/16" ID    |
| 61-1344006.6 | 6 1/2' Fluid Hose – 1/4" ID              |
| 61-2344030   | 30' Fluid Hose – 3/8" ID                 |

**3M** Science.  
Applied to Life.™

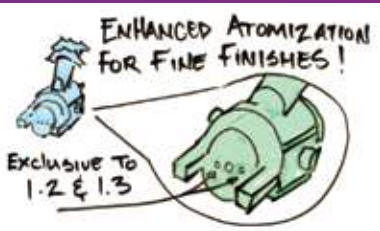


# ONE spray gun, ultimate versatility.



## It's not metal, but it sure acts like it.

Our mission is to **take the pain OUT of painting** — that means cleaning and maintenance — and it's got to be done **without sacrificing performance**.



We added extra atomizing air holes to the new 1.2mm and 1.3mm atomizing heads to ensure you're getting the premium performance you would expect out of your metal guns, while making cleaning quick and easy with see through atomizing heads.



With five sizes of replaceable, interchangeable atomizing heads, Accuspray™ ONE is your ONE spray gun solution.



See the full whiteboard story!  
[3MSpraySolutions.com/Accuspray-System](http://3MSpraySolutions.com/Accuspray-System)



### Heavy Body Coat



2.0mm atomizing head is great for heavy body coating. Make spot repairs with gel coat, enamels and latex paints.



### Medium Viscosity



1.8mm atomizing head is great for medium viscosity coatings such as primers, lacquers and adhesives of all kinds. Spray in any direction, get into tight spaces and put the adhesive right where you want it, with the pattern you prefer.



### Low Viscosity



1.4mm atomizing head is great for lower viscosity coatings and achieving fine atomization such as lacquers, single stage paints, polyurethanes, automotive base and clear coats, and marine top coats.



For videos and more, visit:  
[www.3Mspraysolutions.com/accuspray-system](http://www.3Mspraysolutions.com/accuspray-system)  
[www.3Mcollision.com/accuspray-system](http://www.3Mcollision.com/accuspray-system)

# Ultimate Versatility.

## 3M™ Accuspray™ ONE Spray Gun System with PPS™ (PN 16580)

- No maintenance kits
- Easy cleaning
- Performance of a brand new spray gun with each new atomizing head
- Spray gun requires 13CFM at 20psi



|  | Part No. | Size   | Kit Contents  |
|--|----------|--|---|
| <b>3M™ Accuspray™ ONE Spray Gun System with PPS™</b> | 16580    | Atomizing Heads: 1.2mm, 1.3mm, 1.4mm and 1.8mm | 4 - Atomizing Heads<br>1 - Air Flow Control Valve<br>1 - 22 oz Mixing Cup & Collar<br>5 - Disposable Lids & Liners<br>- Sealing Plugs<br>- Color ID Clips |
| <b>3M™ Accuspray™ Atomizing Heads</b>                | 16582    | 1.2mm (blue)                                   | 1 - Atomizing Head  |
|  | 16583    | 1.3mm (green)                                  |   |
|  | 16584    | 1.4mm (orange)                                 |   |
|  | 16585    | 1.8mm (clear)                                  |   |
|  | 16609    | 2.0mm (red)                                    |   |



### Finish Coats



1.2mm and 1.3mm atomizing heads are intended to provide the highest quality finishes and finest atomization. From automotive, specialty vehicle and marine to aerospace, wood finishes and general industrial, you're sure to get premium performance without the complication of tedious cleaning and maintaining.

For More Information:



[3MSpraySolutions.com](http://3MSpraySolutions.com)



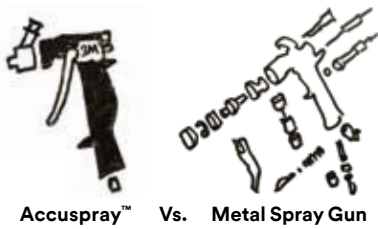
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See the full whiteboard story! [3MSpraySolutions.com/Accuspray-System](http://3MSpraySolutions.com/Accuspray-System)



Accuspray™ Vs. Metal Spray Gun



**1**  
Hand tighten or use two wrenches to connect the air flow control valve.



**2**  
Attach an atomizing head to the gun - pull trigger back and hold, making sure the release buttons are aligned with latch openings - listen for a double click to ensure that it is fully engaged.



**3**  
Attach 3M™ PPS™ cup filled with coating and attach compressed air hose.



**7**  
Flush out atomizing head with appropriate solvent until the atomizing head is clear of coating.



**8**  
Remove atomizing head - be sure to pull trigger back and pull the atomizing head straight out from the gun body to avoid bending the fluid needle.



**9**  
Wipe off any additional residue from the fluid needle.





| Technical Data                    |                                   |
|-----------------------------------|-----------------------------------|
| Weight                            | 11.4 oz                           |
| Nozzle Size                       | 1.2mm, 1.3mm, 1.4mm, 1.8mm, 2.0mm |
| Operating Pressure (Full Trigger) | 24 psi max                        |
| Air Consumption                   | 10 cfm                            |



Set air pressure at 20 psi at full trigger (air and fluid flowing).



Adjust fan and fluid flow to achieve the desired size and wetness of the pattern. **NOTE:** when closing the fan adjustment completely it may be necessary to re-adjust the air flow control valve.



When you are finished using the system remove the air line and 3M™ PPS™ Cup.



Inspect atomizing head for damage or wear which could result in fluid leaks or poor performance.



Re-attach the same atomizing head or when necessary replace with a new one.

For more information, contact your 3M sales representative today for procedure and application recommendations or check out our websites at [3MSpraysolutions.com](http://3MSpraysolutions.com), [3MMarine.com](http://3MMarine.com) and [3MCollision.com](http://3MCollision.com)





# Use any available atomizing head on ANY of the 3M™ Accuspray™ Replaceable Atomizing Head Spray Guns!





| Part No. | Description   | Items/Billing Unit | Billing Units/Case |
|----------|---|--------------------|--------------------|
| 16580    | 3M™ Accuspray™ ONE Spray Gun System with PPS™   | 1                  | 4                  |
| 16578    | 3M™ Accuspray™ ONE Spray Gun Kit<br>5 - Atomizing Heads (1.2, 1.3, 1.4, 1.8, 2.0 mm, Air Control Valve, Gun Hanger)                   | 1                  | 4                  |
| 16579    | 3M™ Accuspray™ ONE Replacement Spray Gun ONLY (no atomizing heads)<br>(1 - Air Flow Control Valve)                                    | 1                  | 4                  |
| 16587    | 3M™ Accuspray™ HGP Spray Gun Kit - Use with PPS™ Type H/O Pressure Cup<br>(2 - 2.0 mm Nozzles, 2 - 1.8 mm Nozzles, Air Control Valve) | 1                  | 1                  |
| 16609    | 3M™ Accuspray™ Atomizing Head Refill Kit, 2.0mm, Red  | 4                  | 6                  |
| 16611    | 3M™ Accuspray™ Atomizing Head Refill Kit, 1.8mm, Clear  | 4                  | 6                  |
| 16612    | 3M™ Accuspray™ Atomizing Head Refill Kit, 1.4mm, Orange   | 4                  | 6                  |
| 16614    | 3M™ Accuspray™ Atomizing Head Refill Kit, 1.3mm, Green  | 4                  | 6                  |
| 16615    | 3M™ Accuspray™ Atomizing Head Refill Kit, 1.2mm, Blue   | 4                  | 6                  |
| 16571    | 3M™ Accuspray™ Fluid Needle   | 1                  | 1                  |
| 16572    | 3M™ Accuspray™ Test Air Cap   | 1                  | 1                  |
| 16573    | 3M™ Accuspray™ Air Flow Control Valve   | 1                  | 1                  |
| 16121    | 3M™ PPS™ Type H/O Mini Pressure Cup - Use with PN 16587   | 1                  | 4                  |
| 16124    | 3M™ PPS™ Type H/O Large Pressure Cup - Use with PN 16587  | 1                  | 2                  |

For more information, contact your 3M sales representative today for procedure and application recommendations or check out our websites at [3MSpraysolutions.com](http://3MSpraysolutions.com), [3MMarine.com](http://3MMarine.com) and [3MCollision.com](http://3MCollision.com)



| Atomizing Head   | High Viscosity, Thick Coatings   |   |
|--|--|---|
|  <p>PN 16587      PN 16609      PN 16611<br/>2.0 mm      1.8 mm</p> | <p><b>Marine &amp; Composites</b><br/>Gel Coats, Adhesives, Bottom Paints, Sound Dampening Coatings, Non-Skid Coatings</p> <p><b>Woodworking</b><br/>Latex Paints, Adhesives</p> <p><b>General Industrial</b><br/>Epoxies, Undercoatings, Hi-build Primers</p> <p><b>Transportation (Air and Wheeled)</b><br/>Undercoatings, Adhesives, Specialty Coatings</p> |  <p><b>VISCOSITY</b></p> <p><b>Heavy</b></p> |
| Recommended Spray Gun  | 3M™ Accuspray™ Spray Gun Model HGP (Pressure), PN 16587  |   |

| Atomizing Head   | Medium Viscosity   |  |
|--|--|--|
|  <p>PN 16611<br/>1.8 mm</p> | <p><b>Marine &amp; Composites</b><br/>Gel Coats, Adhesives, Primers, Non-Skid Coatings</p> <p><b>Woodworking</b><br/>Lacquers, Adhesives</p> <p><b>Transportation (Air and Wheel)</b><br/>Primer, Adhesives</p> <p><b>Sign Shops</b><br/>Primer, Enamel, Latex</p> |  <p><b>VISCOSITY</b></p> <p><b>Medium</b></p> |
| Recommended Spray Gun  | 3M™ Accuspray™ ONE Spray Gun, PN16578, 16579, 16580  |  |

| Atomizing Head   | Lower Viscosity, Finer Finish   |   |
|--|---|---|
|  <p>PN 16612<br/>1.4 mm</p> | <p><b>Marine &amp; Composites</b><br/>Topcoats, Mold Release Agents</p> <p><b>Woodworking</b><br/>Lacquers, Low Viscosity Adhesives</p> <p><b>Transportation</b><br/>Basecoat, Clearcoat, Single Stage</p> <p><b>Sign Shops</b><br/>Basecoat, Clearcoat</p> |  <p><b>VISCOSITY</b></p> <p><b>Lower</b></p> |
| Recommended Spray Gun  | 3M™ Accuspray™ ONE Spray Gun, PN16578, 16579, 16580   |   |

| Atomizing Head   | Lower Viscosity, Finer Finish   |   |
|--|---|---|
|  <p>PN 16614      PN 16615<br/>1.3 mm      1.2 mm</p> | <p><b>Marine &amp; Composites</b><br/>Top coat, Clear Coat, Mold Release Agents</p> <p><b>Woodworking</b><br/>Dye Stains, Lacquers, Varnish</p> <p><b>Transportation</b><br/>Basecoat (water &amp; solvent), Clear coat, Single Stage, Top Coats</p> <p><b>Sign Shops</b><br/>Basecoat, Clearcoat</p> |  <p><b>VISCOSITY</b></p> <p><b>Ultra Fine</b></p> <p><b>Ultra Fine</b></p> |
| Recommended Spray Gun  | 3M™ Accuspray™ ONE Spray Gun, PN16578, 16579, 16580   |   |



## 3M Paint Application Solutions

3M™ Accuspray™ HGP System  
HVLP Pressurized Gravity Feed Spray Gun



# Designed for High Viscosity Coatings

*Another great product brought to you by the same people who brought you the 3M™ Accuspray™ System, now you can spray those high viscosity coatings such as gelcoats, bottom paints, extremely heavy bodied primers and adhesives. Virtually any sprayable coating.*

The innovative 3M™ Accuspray™ System with its replaceable atomizing head, in conjunction with the 3M™ PPS™ H/O Pressure Cup allows for the following benefits:

#### Premium Performance ON DEMAND!

- Replaceable atomizing head
- Available in 2.0mm, 1.8mm, 1.4mm, 1.3mm, 1.2mm

#### Eliminate Maintenance Kits

- Molded 1-piece composite body
- Lightweight, yet durable

#### EASY cleanup

- Visual confirmation with 1.8mm, 1.4mm, 1.3mm, 1.2mm
- 18- Clean faster with less solvent





# How The System Works

| Technical Data                    |            |
|-----------------------------------|------------|
| Weight                            | 11.4 oz    |
| Operating Pressure (Full Trigger) | 15 psi max |
| Operating Pressure (First Stage)  | 25 psi max |
| Air Consumption                   | 10 cfm     |



1  
Attach an atomizing head to the gun - pull trigger back and hold, making sure the release buttons are aligned with latch openings - listen for a double click to ensure that it is fully engaged.



2  
Attach 3M™ PPS™ cup filled with coating and attach compressed air hose.



3  
Adjust fan and fluid flow to achieve the desired size and wetness of the pattern. **NOTE:** when closing the fan adjustment completely it may be necessary to re-adjust the air flow control valve.



4  
When you are finished using the system, pull the trigger back to release fluid back into cup, remove the air line, and the 3M™ PPS™ Cup.



5  
Wipe off any additional residue from the fluid needle.



6  
Re-attach same atomizing head or new atomizing head. Align tabs on head with spray gun latches, listen for 'double click' for secure connection.

# 3M™ PPS™ Paint Preparation System

# Never clean a cup again!

Your all-in-one disposable solution for mixing/measuring, filtering, spraying (in any direction!) and the temporary storage of liquid coating materials!



Never clean a paint cup again!



Stop wasting paint on mixing cups and filters



Buy less solvent, use up to 70% less



| Part No. | Description   | Items/Box |
|----------|---|-----------|
| 16299    | PPS™ BIG RED Lid Dispenser - fits Midi, Standard & Large size PPS™ Lids     | 1         |
| 16219    | PPS™ BIG RED Liner Dispenser - fits Midi, Standard & Large size PPS™ Liners | 1         |
| 16298    | PPS™ BIG RED Mini & Micro Lid & Liner Dispenser                             | 1         |

For More Information:



[3MSpraySolutions.com](http://3MSpraySolutions.com)



[3MMarine.com](http://3MMarine.com)



[3MCollision.com](http://3MCollision.com)





| Part No.  | Size    | Micron (Filter) Size               | 3M™ PPS™ Lids & Liners  | Items/Box | Boxes/Case |
|---|---------|------------------------------------|---|-----------|------------|
| 16024   | 28 oz   | 200                                | Large Lids and Liners   | 25        | 1          |
| 16000   | 22 oz   | 200                                | Standard Lids and Liners  | 50        | 1          |
| 16112   | 13.5 oz | Full Dia. 200                      | Midi Lids and Liners  | 50        | 1          |
| 16114   | 6 oz    | Full Dia. 200                      | Mini Lids and Liners  | 50        | 1          |
| 16028   | 3 oz    | Full Dia. 200                      | Micro Lids and Liners   | 50        | 1          |
| 16325   | 28 oz   | Full Dia. 125                      | Large Lids and Liners   | 25        | 1          |
| 16301   | 22 oz   | Full Dia. 125                      | Standard Lids and Liners  | 50        | 1          |
| 16312   | 13.5 oz | Full Dia. 125                      | Midi Lids and Liners  | 50        | 1          |
| 16314   | 6 oz    | Full Dia. 125                      | Mini Lids and Liners  | 50        | 1          |
| 16328   | 3 oz    | Full Dia. 125                      | Micro Lids and Liners   | 50        | 1          |
| 16324   | 28 oz   | 125                                | Large Lids and Liners   | 25        | 1          |
| 16300   | 22 oz   | 125                                | Standard Lids and Liners  | 50        | 1          |
| <b>3M™ PPS™ Cups &amp; Collars</b>              |         |                                    |   |           |            |
| 16023   | 28 oz   | Large Cup/Collar                   |   | 1         | 4          |
| 16124   | 28 oz   | Type H/O Pressure Cup (large)      |   | 1         | 2          |
| 16001   | 22 oz   | Standard Cup/Collar                |   | 2         | 4          |
| 16122   | 13.5 oz | Midi Cup/Collar                    |   | 2         | 4          |
| 16115   | 6 oz    | Mini Cup/Collar                    |   | 2         | 4          |
| 16121   | 6 oz    | Type H/O Pressure Cup (mini)       |   | 1         | 4          |
| 16115   | 3 oz    | Micro Cup/Collar                   |   | 2         | 4          |
| <b>3M™ PPS™ Starter Kits &amp; Refill Packs</b> |         |                                    |   |           |            |
| 16182   | 28 oz   | 200                                | Large Size Starter Kit; 6 Lids & Liners; 1 Large Size Cup & Collar; 1 Large Generic Mix Ratio Insert; 10 Sealing Plugs          |           |            |
| 16183   | 28 oz   | 200                                | Large Size Refill Pack; 12 Lids & Liners; 10 Sealing Plugs  |           |            |
| 16382   | 28 oz   | 125                                | Large Size Starter Kit; 6 Lids & Liners; 1 Large Size Cup & Collar; 1 Large Generic Mix Ratio Insert; 10 Sealing Plugs          |           |            |
| 16383   | 28 oz   | 125                                | Large Size Refill Pack; 12 Lids & Liners; 10 Sealing Plugs  |           |            |
| 16172   | 22 oz   | 200                                | Standard Size Starter Kit; 6 Lids & Liners; 1 Standard Size Cup & Collar; 1 Standard Generic Mix Ratio Insert; 10 Sealing Plugs |           |            |
| 16173   | 22 oz   | 200                                | Standard Size Refill Pack; 12 Lids & Liners; 10 Sealing Plugs   |           |            |
| 16372   | 22 oz   | 125                                | Standard Size Starter Kit; 6 Lids & Liners; 1 Standard Size Cup & Collar; 1 Standard Generic Mix Ratio Insert; 10 Sealing Plugs |           |            |
| 16373   | 22 oz   | 125                                | Standard Size Refill Pack; 12 Lids & Liners; 10 Sealing Plugs   |           |            |
| <b>Accessories</b>                              |         |                                    |   |           |            |
| 16091   | 28 oz   | Large Generic Mix Ratio Inserts    |   | 10        | 10         |
| 16065   | 22 oz   | Standard Generic Mix Ratio Inserts |   | 10        | 10         |
| 16155   | 13.5 oz | Midi Generic Mix Ratio Inserts     |   | 10        | 10         |
| 16066   | 6 oz    | Mini Generic Mix Ratio Inserts     |   | 10        | 5          |
| 16067   | 3 oz    | Micro Generic Mix Ratio Inserts    |   | 10        | 5          |
| 16236   |         | 3M™ PPS™ Spray Gun Holder, Single  |   | 1         | 5          |
| 16237   |         | 3M™ PPS™ Spray Gun Holder, Double  |   | 1         | 1          |



# 3M™ PPS™ Paint Preparation System

*An innovative system from 3M which enables painters to mix less paint and drastically reduces the amount of solvent and technician time required for gun cleaning, improving operator efficiency by as much as 15%.*

3M™ PPS™ Paint Preparation System is a unique, closed system which eliminates the need for traditional mixing cups and paint strainers. Now, paint can be mixed and sprayed out of the same 3M™ PPS™ liner with a lid and built-in filter. Specifically designed adapters allow painters to use the 3M™ PPS™ system with virtually any spray gun. A key advantage of this closed system is that it enables a painter's spray gun to function at any angle, even upside down! The liner, lid and built-in filter are all disposable, leaving only the adapter and spray gun to be cleaned. The 3M™ PPS™ system is therefore a cleaner, faster system, safe from outside contamination and offers considerable time and solvent savings in regards to gun cleaning.



1 Remove existing cup from spray gun.



2 Thread correct adapter to spray gun.



3 Remove liner from wall dispenser and place into 3M™ PPS™ mixing cup. Weigh the paint according to paint manufacturer's guidelines.



4 If not using a scale to measure, insert 3M™ PPS™ mix ratio film into cup before inserting liner in order to measure the paint according to paint manufacturer's guidelines.



5 Mix product as needed.



6 Take a lid (with built-in filter) from wall dispenser and snap into the 3M™ PPS™ cup/liner.



7 Position locking collar onto the 3M™ PPS™ cup/liner and turn until tight. Insert sealing plug prior to shaking.



8 3M™ PPS™ shaker core is used to distribute clamping force when shaker machines are used to mix material.

Visit our websites for a list of all 45 spray gun adapters:



3MSpraySolutions.com



3MMarine.com



3MCollision.com



9a

Spray gun with correct adapter is attached with a quick quarter turn.



9b

Make sure that the lid fingers are fully engaged above adapter edge.



10

The spray gun is now ready to spray as normal. **NOTE:** For spraying upside-down, follow directions in the "Tips" section on purging air.



11

Due to the fact that 3M™ PPS™ is a closed system, painters may now spray their gun completely perpendicular to their intended surface without fear of material dripping on their job.



12

To return material back into gun cup before disconnecting spray gun, disconnect air line, invert gun (gravity feed only) and pull trigger fully for a few seconds.



13

Remaining material can be capped and stored for later use. Storage of paint should follow all local regulations.



14

When you're done using the system, the lid and liner can easily be removed from the cup.



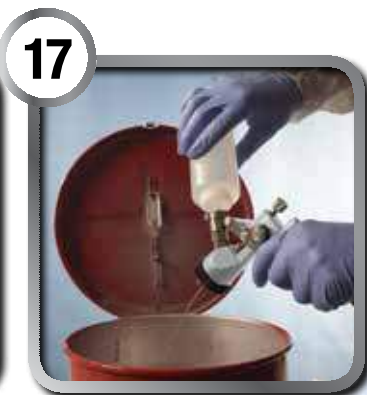
15

Remove unused material from the liner and place into proper disposal container.



16

Consult paint or solvent Safety Data Sheet (SDS) in addition to local regulations or authorities for safe use and proper disposal.



17

A squeeze bottle (PN 37720) containing solvent or water enables fast gun cleaning once the 3M™ PPS™ cup is removed. More efficient painters make facility more productive.

# 3M™ PPS™ Paint Preparation System



# ONE Versatile Spray Gun.

## Accuspray™ ONE Spray Gun System with PPS™

All-in-one *disposable* solution for mixing/measuring, filtering, spraying (in any direction!) and temporary storage.\*



Never clean a paint cup again!



Stop wasting paint on mixing cups and filters



Buy less solvent, use up to 70% less



**16580:** (4) Atomizing Heads one each of sizes 1.2mm, 1.3mm, 1.4mm and 1.8mm, (1) Air Flow Control Valve, (1) 22 oz Mixing Cup & Collar, (5) Disposable Lids & Liners, Sealing Plugs and Color ID Clips



**16582:** (1) 1.2mm Atomizing Head  
**16583:** (1) 1.3mm Atomizing Head



**16584:** (1) 1.2mm Atomizing Head  
**16585:** (1) 1.3mm Atomizing Head

### ONE. Easy. Spray Gun Solution.

## 3M™ PPS™ Starter Kits



3M™ PPS™ offered in bulk quantities in 3 oz, 6 oz, 13.5 oz, 22 oz and 28 oz sizes. A cup for every job!



3M™ PPS™ Spray Gun Adapters can be used to convert virtually any spray gun in your shop!

|   | Part No. | Size           | Kit Contents  |
|---|----------|----------------|---|
| <b>3M™ PPS™ Starter Kits</b>                      | 16172    | Standard 22 oz | 6 - Disposable Lids & Liners with <b>200 micron filters</b><br>1 - Cup & Collar |
|   | 16182    | Large 28 oz    | 1 - Generic Mix Ratio Insert<br>1 - Bag of 10 Sealing Plugs                     |
| <b>3M™ PPS™ Starter Kits (Waterborne)</b>         | 16372    | Standard 22 oz | 6 - Disposable Lids & Liners with <b>125 micron filters</b><br>1 - Cup & Collar |
|   | 16382    | Large 28 oz    | 1 - Generic Mix Ratio Insert<br>1 - Bag of 10 Sealing Plugs                     |
| <b>3M™ PPS™ Starter Refill Packs</b>              | 16173    | Standard 22 oz | 12 - Disposable Lids & Liners with <b>200 micron filters</b>                    |
|   | 16183    | Large 28 oz    | 1 - Bag of 10 Sealing Plugs   |
| <b>3M™ PPS™ Starter Refill Packs (Waterborne)</b> | 16373    | Standard 22 oz | 12 - Disposable Lids & Liners with <b>125 micron filters</b>                    |
|   | 16383    | Large 28 oz    | 1 - Bag of 10 Sealing Plugs   |

\*Storage of materials should follow all local and other applicable regulations.



### Paint Application Solutions

3M Center  
Building 223-6N-01  
St. Paul, MN 55144-1000  
U.S.A.  
Call 1-877-MMM-CARS (877-666-2277)

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