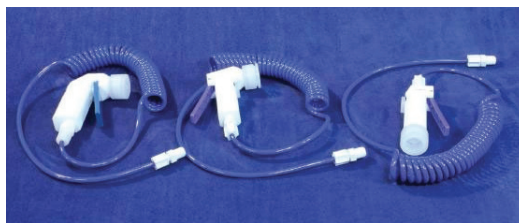


# iPolymer | Spray Guns

## PTFE Spray Guns

iPolymer PTFE spray guns are quickly becoming the industry standard in semiconductor fab plants, wet benches and work processing stations. Models are available for rinsing, drying, ultraclean, and high-flow applications. Due to their design and comfortable grip Spray Guns are quickly becoming the industry standard in semiconductor fab plants, wet benches and work processing stations. A variety of hoses and fittings are available.

- 75 PSI Maximum pressure
- 40–130°F Temperature Range



## PTFE Spray Rinsing Guns

SG Series spray guns are constructed of virgin PTFE and Polypropylene to provide excellent reliability and long life in harsh acidic or corrosive environments. They feature comfortable grips and offer a clean, even spray.

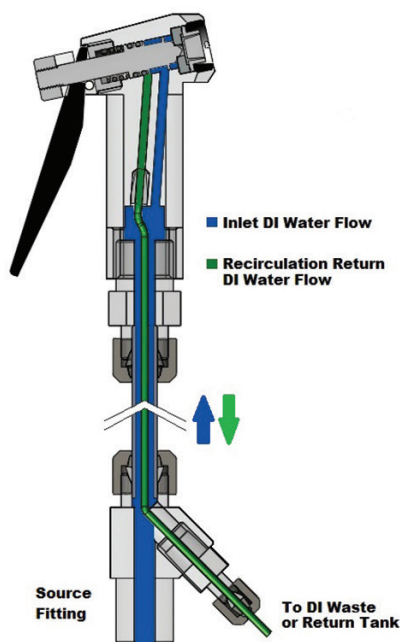
## Nitrogen Drying Guns

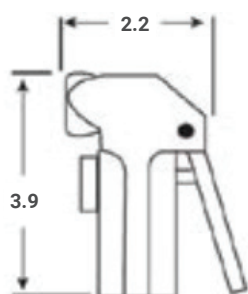
Nitro Series PTFE Nitrogen spray guns can deliver maximum anti-corrosion protection wherever extreme chemical environments are used in the vicinity of nitrogen dispensing or drying. They are manufactured from PTFE and Polypropylene for reliability, longevity, and to resist acid attacks.



## Recirculating Spray Guns

RC Series spray guns prevent stagnant water and eliminate bacterial growth in spray systems by minimizing empty spaces and continuously recirculating DI water. When the spray gun is not in use, the DI water flows down a parallel recirculation path back to a recovery tank or drain line. DI water is able to circulate up to the sealing seat throughout the entire gun and piston. They have molded PTFE bodies with PVDF pistons. From the sealing seat on, they feature a 1/16-in thick spray nozzle.

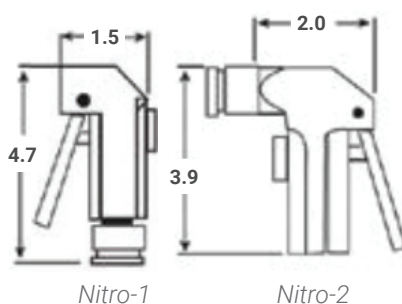




## SG Series

| Part          | Description                      |
|---------------|----------------------------------|
| <b>SG-101</b> | Spray gun with 1/4-in FNPT inlet |
| <b>SG-102</b> | Spray gun with 3/8-in FNPT inlet |
| <b>SG-103</b> | Spray gun with 1/2-in FNPT inlet |

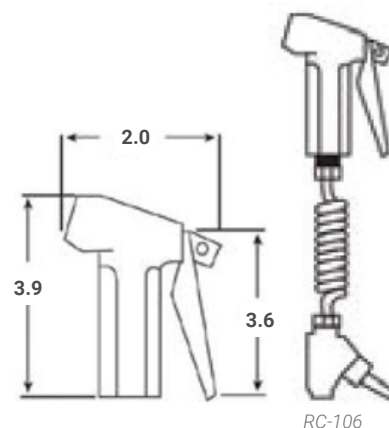
Special nozzle configurations available.



## Nitro Series

| Part           | Description  |
|----------------|--|
| <b>NITRO-1</b> | N2 spray gun with 1/4-in FNPT inlet, filter housing with disposable filter |
| <b>NITRO-2</b> | SG-101 with 1/4-in FNPT inlet, filter housing with disposable filter       |

Nitro guns are OSHA 1910.242(b) and 41-CFR-50-204.8 compliant with filter and housing attached.



## RC Series

| Part          | Description  |
|---------------|--|
| <b>RC-106</b> | Recirculating gun with 1/2-in FNPT inlet thread, RC-5 Hose, and RC-9 PTFE fittings |

\*Components not available separately.

## Hoses

| Hose          | Style    | Material | OD (in) | Length (in) |         | Coil OD (in) | Compatible Guns          |
|---------------|----------|----------|---------|-------------|---------|--------------|--------------------------|
|               |          |          |         | Coiled      | Stretch |              |                          |
| <b>C4-FEP</b> | Coiled   | FEP      | 1/4     | 26          | 66      | 1-1/2        | SG-101, NITRO-1, NITRO-2 |
| <b>C4-PU</b>  | Coiled   | Blue PU  | 1/4     | 31          | 108     | 1-1/8        | SG-101, NITRO-1, NITRO-2 |
| <b>C6-FEP</b> | Coiled   | FEP      | 3/8     | 26          | 66      | 2-3/8        | SG-102                   |
| <b>C6-PU</b>  | Coiled   | Blue PU  | 3/8     | 34          | 108     | 2            | SG-102                   |
| <b>C8-FEP</b> | Coiled   | PFA      | 1/4     | 30          | 78      | 4            | SG-101, NITRO-1, NITRO-2 |
| <b>C8-PU</b>  | Coiled   | PFA      | 3/8     | 26          | 108     | 3-1/2        | SG-102                   |
| <b>304</b>    | Flexible | PTFE     | 1/4     | 96          | n/a     | n/a          | SG-101                   |
| <b>306</b>    | Flexible | PTFE     | 3/8     | 96          | n/a     | n/a          | SG-102                   |
| <b>308</b>    | Flexible | PTFE     | 1/2     | 96          | n/a     | n/a          | SG-103                   |
| <b>RC-5</b>   | Coiled   | FEP      | 3/8     | 26          | 66      | 2-3/8        | RC-106                   |

\*Ethylene propylene (EP), Fluorinated ethylene propylene (FEP), Kalrez (KA), Perfluoroalkoxy (PFA), Polytetrafluoroethylene (PTFE), Polyurethane (PU)

## Fittings

| Fitting        | Description                              | Material | Compatible Guns          |
|----------------|--|----------|--------------------------|
| <b>MC-F-44</b> | iPolymer Male, 1/4-in Tube x 1/4-in MNPT | PTFE     | SG-101, NITRO-1, NITRO-2 |
| <b>MC-F-66</b> | iPolymer Male, 3/8-in Tube x 3/8-in MNPT | PTFE     | SG-102                   |
| <b>MC-F-88</b> | iPolymer Male, 1/2-in Tube x 1/2-in MNPT | PTFE     | SG-103                   |
| <b>J44</b>     | JACO Male, 1/4-in Tube x 1/4-in MNPT     | Polypro  | SG-101, NITRO-1, NITRO-2 |
| <b>J66</b>     | JACO Male, 3/8-in Tube x 3/8-in MNPT     | Polypro  | SG-102                   |
| <b>J88</b>     | JACO Male, 1/2-in Tube x 1/2-in MNPT     | Polypro  | SG-103                   |
| <b>RC-9</b>    | Recirculation fitting                    | PTFE     | RC-106                   |

## Disposable Nitrogen Filters

| Part   | Description   |
|--|---|
| <b>N2F-10</b><br><b>N2F-50</b><br><b>N2F-100</b> | Disposable N2 Filters are used with Nitro Series guns. Each filter is composed of a 25mm diameter Hydrophilic Versapor® Acrylic Copolymer 800 Membrane 0.80um assembled with Polypropylene Ring with Clear Acrylic Luer Housing. Available in quantities of 10, 50, or 100. |