



international polymer solutions

## PTFE Spray Guns



### Spray Guns (SG)

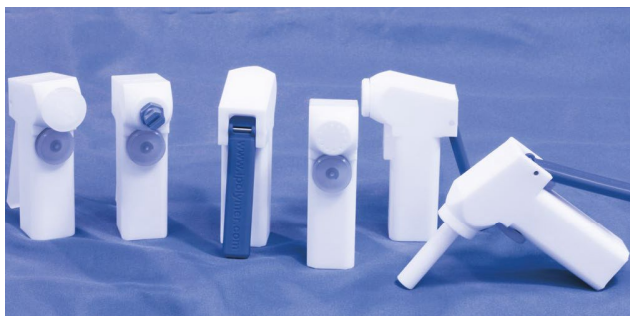
Our spray guns are constructed of virgin PTFE and Polypropylene to provide them with a long life span in harsh acidic or corrosive environments. Due to their design and comfortable grip Spray Guns are quickly becoming the industry standard in semiconductor fab plants, wet benches and work processing stations. All the Spray Guns may be purchased individually or with a variety of fittings and hoses.

### Recirculating Spray Gun (RC)

The Recirculating Spray Guns all have molded PTFE bodies with PVDF pistons. These RC Guns are designed so that there is very little dead space for bacteria to grow. DI water is able to circulate up to the sealing seat through out the entire gun and piston. From the sealing seat on, bacteria build up is kept to a minimum by using a 1/16" thick spray nozzle.

### Nitrogen Guns (Nitro)

Our PTFE Nitrogen Guns (Nitro) can deliver maximum anti-corrosion protection wherever extreme chemical environments are used in the vicinity of nitrogen dispensing or drying. Like its companion, the DI Water Spray, Nitro is manufactured of the same durable materials to resist acid attacks.



### Dispense Guns (DG)

Both of the dispense guns, standard or high flow, are designed with the spring totally isolated from the media, thus making them the perfect choice for dispensing acids and solvents. The longer nozzle on the dispense guns allows for them to be inserted into a container thus minimizing splashing.

### Eye Wash (EW)

PTFE Eye Wash is designed to provide emergency eye/facial rinse. When activated a soft flow of aerated water is released. The non-metallic aerator converts harsh city water into a bubbly smooth stream while the PTFE body remains inert to its potentially hostile chemical environment.

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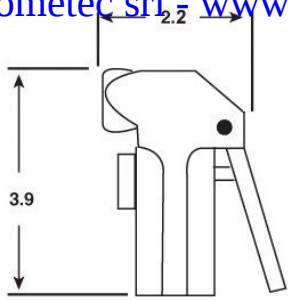
**DISPERSION RINSING GUNS**

(Max. operating pressure 75 PSI)  
(Media Temperature Range: 40°F – 130°F)

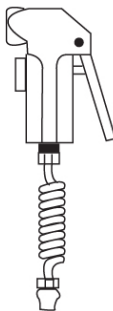
Part No.	Description
SG-103	Standard Spray Gun with 1/2" FNPT inlet thread.
SG-102	Spray Gun with 3/8" FNPT inlet thread.
SG-101	Spray Gun with 1/4" FNPT inlet thread.

**NOTE:** ADD -FT FOR FRONT TRIGGER OPTION.

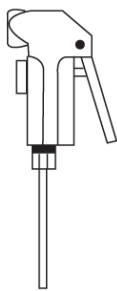
Assemblies Part No.	Gun	Hose	Intercon. Fitting	Source Fitting
SG-401	SG-101	C4-FEP	MC-F-44	MC-F-44
SG-402	SG-101	C4-PU	J44	J44
SG-403	SG-101	304	MC-F-44	MC-F-44
SG-601	SG-102	C6-FEP	MC-F-66	MC-F-66
SG-602	SG-102	C6-PU	J66	J66
SG-603	SG-102	306	MC-F-66	MC-F-66
SG-801	SG-103	C8-FEP	MC-F-88	MC-F-88
SG-802	SG-103	C8-PU	J88	J88
SG-803	SG-103	308	MC-F-88	MC-F-88



SG-101  
SG-102  
SG-103



SG-X01  
SG-X02



SG-X03



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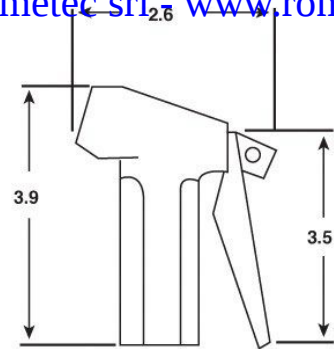
**RECIRCULATING SPRAY GUNS**

(Max. operating pressure 75 psi)  
(Media Temperature Range: 40°F – 130°F)

Part No.	Description
RC-103	Recirculating spray gun with 1/2" FNPT inlet thread (gun only).

Assemblies		
Part No.	Gun	Hose Assy.
RC-105	RC-103	RC-3

RC-106	RC-103	RC-5
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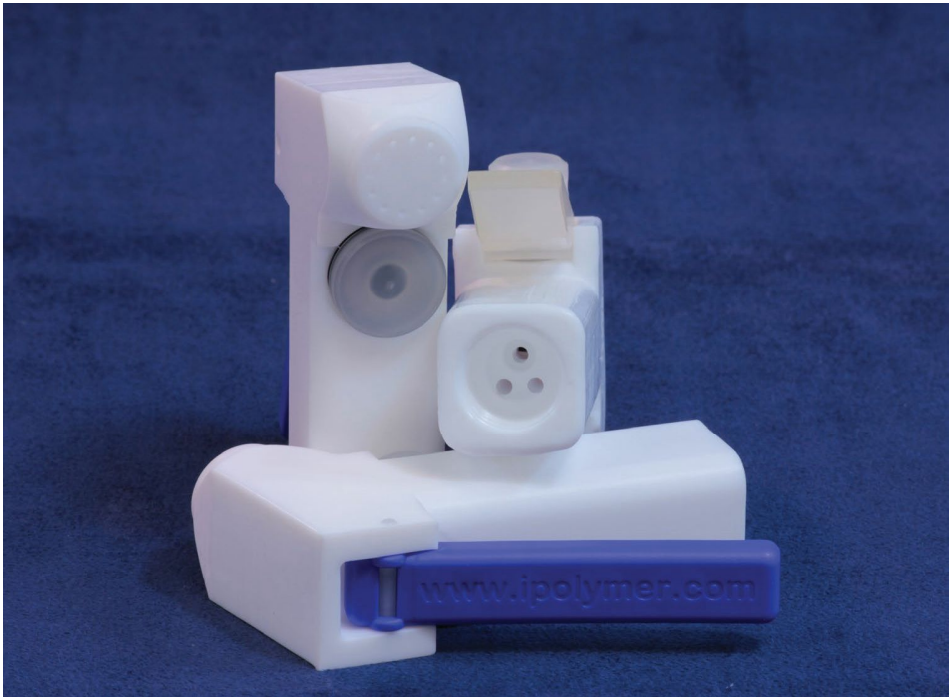
RC-103



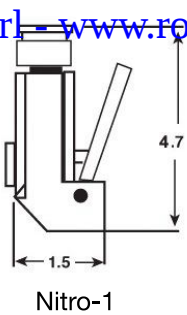
RC-105



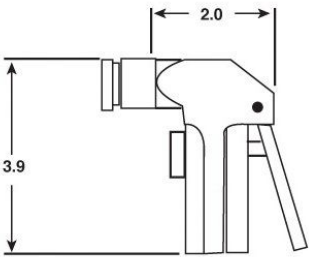
RC-106



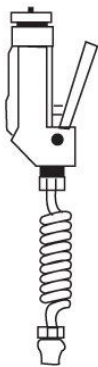
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Nitro-1



Nitro-2



Nitro-3



Nitro-4

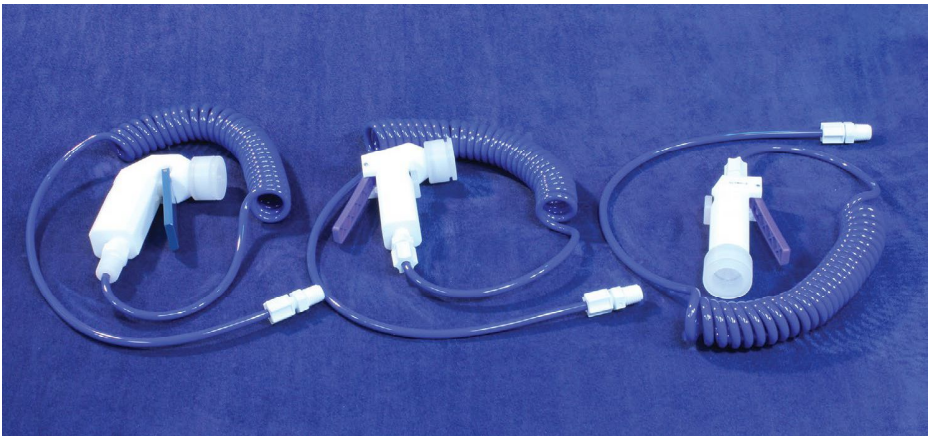
## NITROGEN DRYING GUNS

(Max. operating pressure 75 PSI) (Media Temperature Range: 40°F – 130°F)

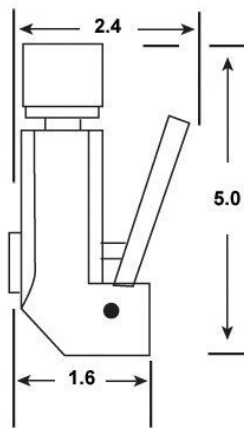
Part No.	Description
Nitro-1	Standard nitrogen hand spray with 1/4" FNPT inlet thread, filter housing with disposable filter.
Nitro-2	Same as Nitro 1 only using a standard spray gun body configuration. <b>NOTE:</b> ADD -FT FOR FRONT TRIGGER OPTION (NITRO-2 ONLY)

Source Part No.	Gun	Hose Assy.	Fitting	Fitting
NITRO-3	NITRO-1	C4-PU	J44	J44
NITRO-3T	NITRO-1	C4-FEP	MC-F-44	MC-F-44
NITRO-4	NITRO-2	C4-PU	J44	J44
NITRO-4T	NITRO-2	C4-FEP	MC-F-44	MC-F-44

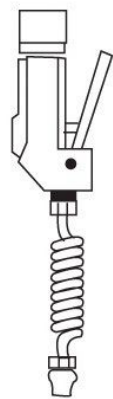
**NOTE:** ADD -FT FOR FRONT TRIGGER OPTION (NITRO-4 AND NITRO-4T ONLY)







EW-101

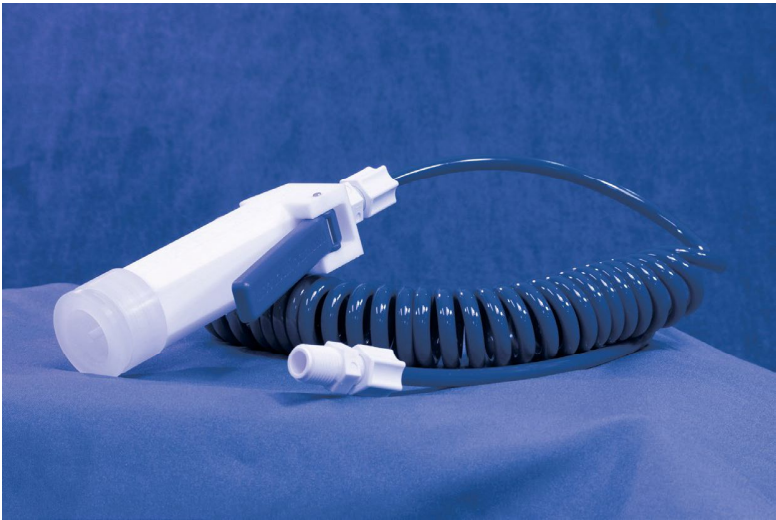


EW-30X

(Max. operating pressure 75 PSI) (Media Temperature Range: 60°F – 100°F)

Part No.	Description
EW-101	Standard eye wash with 1/4" FNPT inlet thread.

Assemblies Part No.	Gun	Hose Assy.	Intercon. Fitting	Source Fitting
EW-304	EW-101	C6-PU	J64	J64
EW-306	EW-101	C6-PU	J64	J66
EW-308	EW-101	C6-PU	J64	J68



LIQUID DISPENSING GUNS

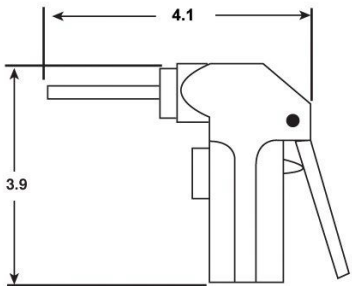
(Max. operating pressure 75 PSI)  
(Media Temperature Range: 40°F – 130°F)

Standard dispense gun with isolated spring, flow rate 1 GPM. Available in choice of O-ring material: Ethylene Propylene (EP), for use with solvents; Viton (VT), for use with most acids; Kalrez (KA), for use with highly aggressive fluids. To order dispense gun with the correct O-ring, replace “XX” in the DG part number; with the applicable suffix (EP, VT or KA).

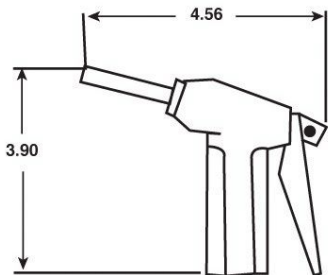
Part No.	Description
DG-504-XX	Standard dispense gun with 1/4” FNPT inlet thread.
DG-506-XX	Standard dispense gun with 3/8” FNPT inlet thread.
DG-508-XX	Standard dispense gun with 1/2” FNPT inlet thread.
DG-800-XX	High flow dispense gun. Features the same isolated spring design, but has a flow rate of 3 GPM. 1/2” FNPT inlet thread.

**NOTE:** ADD -FT FOR FRONT TRIGGER OPTION (DG-50X-XX ONLY)

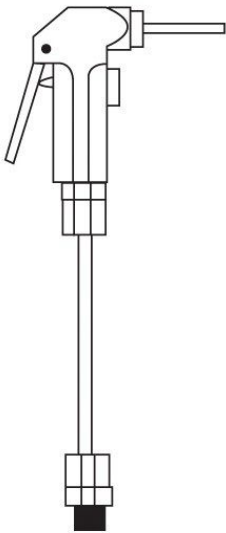
Assemblies Part No.	Gun	Hose	Intercon. Fitting	Source Fitting
DG-605-XX	DG-508-XX	308	MC-F-88	MC-F-88
DG-606-XX	DG-508-XX	C6-PU	J68	J68
DG-607-XX	DG-506-XX	C6-PU	J66	J66
DG-905-XX	DG-800-XX	308	MC-F-88	MC-F-88
DG-906-XX	DG-800-XX	C6-PU	J68	J68



DG-50X-XX



DG-800



DG-605

Part No.	Description
304	1/8" ID x 1/4" OD x 8' Long Bendable PTFE Tubing
306	1/4" ID x 3/8" OD x 8' Long Bendable PTFE Tubing
308	3/8" ID x 1/2" OD x 8' Long Bendable PTFE Tubing
C4-FEP	1/4" OD FEP Coiled Tubing
C4-FEP-MCF44	C4-FEP Tubing with PTFE Fittings at both ends
C6-FEP	3/8" OD FEP Coiled Tubing
C6-FEP-MCF66	C6-FEP Tubing with PTFE Fittings at both ends
C8-FEP	1/2" OD FEP Coiled Tubing
C8-FEP-MCF88	C8-FEP Tubing with PTFE Fittings at both ends
C4-PU	1/4" OD Blue Polyurethane Coiled Hose
C4-PU-J44	C4-PU Hose with Polypro Fittings at both ends
C6-PU	3/8" OD Blue Polyurethane Coiled Hose
C6-PU-J66	C6-PU Hose with Polypro Fittings at both ends
C8-PU	1/2" OD Blue Polyurethane Coiled Hose
C8-PU-J88	C8-PU Hose with Polypro Fittings at both ends
C4-PFA	1/4" OD PFA Coiled Tubing
C4-PFA-MCF44	C4-PFA Tubing with PTFE Fittings at both ends
C6-PFA	3/8" OD PFA Coiled Tubing
C6-PFA-MCF66	C6-PFA Tubing with PTFE Fittings at both ends
C8-PFA	1/2" OD PFA Coiled Tubing
C8-PFA-MCF88	C8-PFA Tubing with PTFE Fittings at both ends
RC-3	308 Tubing with PTFE fittings and PTFE recirculating tube
RC-5	C6-FEP Tubing with PTFE fittings and PTFE recirculating tube
RC-7	C6-FEP Tubing with PTFE recirculating tube
RC-9	PTFE source fitting for recirculating spray gun.

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Part No.	Description of Assembly and Specials
J44	JACO Male Connector - Polypropylene. 1/4" Tube x 1/4" MNPT.
J64	JACO Male Connector - Polypropylene. 3/8" Tube x 1/4" MNPT.
J66	JACO Male Connector - Polypropylene. 3/8" Tube x 3/8" MNPT.
J68	JACO Male Connector - Polypropylene. 3/8" Tube x 1/2" MNPT.
J88	JACO Male Connector - Polypropylene. 1/2" Tube x 1/2" MNPT.
MC-F-44	IPS Male Connector - PTFE. 1/4" Tube x 1/4" MNPT.
MC-F-66	IPS Male Connector - PTFE. 3/8" Tube x 3/8" MNPT.
MC-F-88	IPS Male Connector - PTFE. 1/2" Tube x 1/2" MNPT.
900	Nitrogen filter housing.
901	Nitrogen filter retaining ring.
902	Nitrogen filter O-ring.
N2F-10 N2F-50 N2F-100	Disposable nitrogen filters. Each filter is composed of a 25mm diameter .45micron PTFE – copolymer filter element sandwiched between and supported by two pieces of molded acrylic plastic. Available in quantities of 10, 50, or 100.
EW-AHA	Eye Wash Aerated Head Assembly. Polypropylene construction complete with screens.

#### IPS Product Notes:

1. Please email Customer Service at [info@ipolymer.com](mailto:info@ipolymer.com)
2. Call us for special applications. We can manufacture our Spray Devices with special mounting and interface dimensions.
3. Upon request, alternate material selection from those listed will allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly of this product will void the original factory one-year product warranty. For further details please contact your local Distributor or our factory directly.

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