

## Furon<sup>®</sup> Recirc Spray Gun

### Description

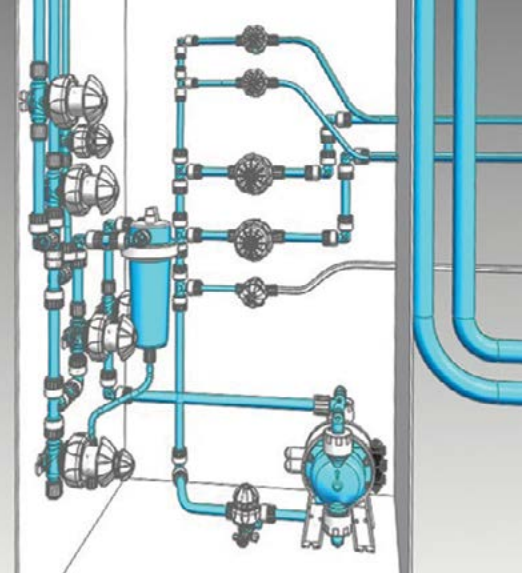
Furon<sup>®</sup> Recirc Spray Guns are designed to eliminate bacterial growth in DI water spray gun systems. When the the spray gun is not in use, the DI water travels back down the parallel recirculation orifice and discharges to the user's DI recovery or drain line.

This continuous recirculation path eliminates bacterial growth caused by stagnant water in the lines.

Furon<sup>®</sup> Recirc Spray Guns feature a 100% virgin PTFE wetted fluid path, making them ideal for high-purity requirements for the semiconductor industry. Additionally, the Furon<sup>®</sup> Recirc Spray Guns feature ergonomic design, and include self-coiling PFA/FEP coaxial hose.

### Applications

- High-purity DI rinse of wafers, substrates, flat panel displays, and hard disc drives
- Washdown applications in process tools
- DI washdown during filter or component replacement



### Features and Benefits

- Water constantly recirculates, preventing bacteria growth
- Virgin PFA 440 wetted flow path
- 100 PSIG (6.9 bar) pressure rating
- Ergonomic design
- Includes self-coiling PFA coaxial hose
- Ideal for ultra-pure DI washdown

## Furon® Recirc Spray Gun

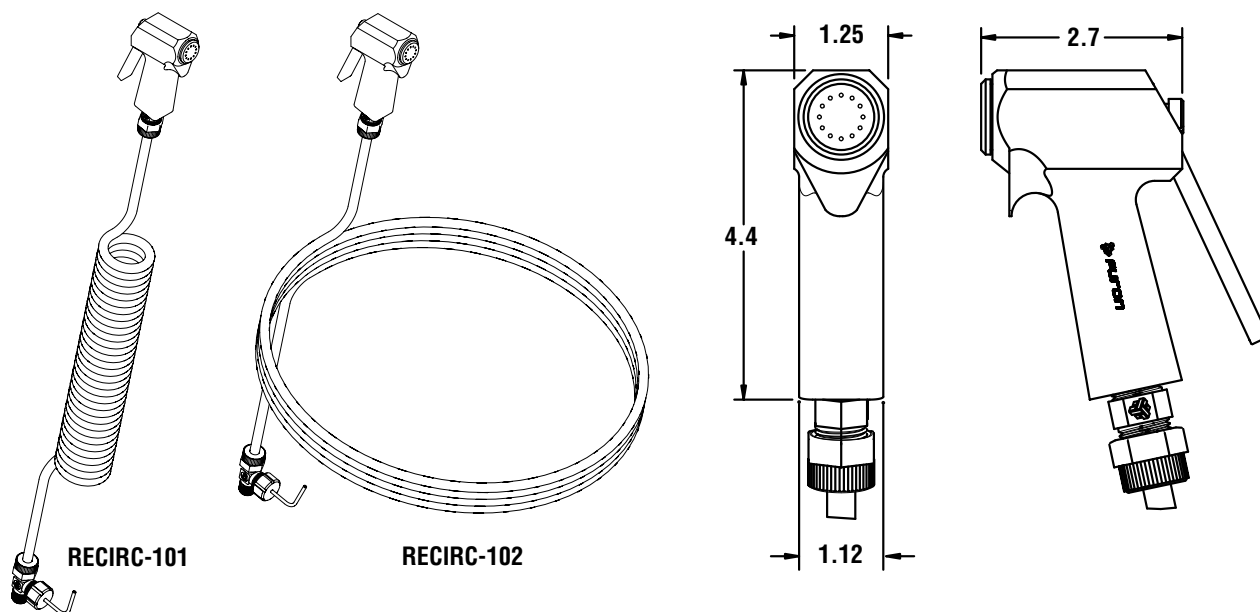
Part Number	Description	End Connection	Tube Length (ft.)
RECIRC-101	Spray gun with coiled PFA 440 tube	3/8" IMP Male Run Tee	10
RECIRC-102	Spray gun with straight PFA 440 tube	3/8" IMP Male Run Tee	15

## Ordering & Technical Specifications

Materials	Gun Body: PTFE Nozzle: PTFE Hose: FEP
Maximum Pressure	100 psig (6.9 bar)
Orifice	.156" (3.96mm)
End Connection	3/8" Grab Seal
Hose Type	RECIRC-101: 1/4" coiled FEP tube extendible to 10 feet (3 meters) with 6" (152mm) straight tails on each end  RECIRC-102: 1/4" FEP tube, 15 feet (4.6 meters) with 6" (152mm) straight tails on each end

## Standard Options

- Standalone gun without hose (please consult factory)
- Alternate end connections (please consult factory)



### Saint-Gobain Performance Plastics

7301 Orangewood Avenue  
Garden Grove, CA 92841

1-800-833-5661

Tel: (714) 630-5818

Fax: (714) 688-2614

www.processsystems.saint-gobain.com

**NOTE:** The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

Furon®, FlareGrip® and Nippon Pillar Super 300® are registered trademarks. FuseBond™ is a trademark.