



FLUID LINE TECHNOLOGY

MANUFACTURER OF SANITARY
AND ULTRACLEAN COMPONENTS

PRODUCT CATALOG



CUSTOM

STANDARD

PROTOTYPE

MANUFACTURER OF SANITARY AND ULTRACLEAN COMPONENTS

Since 1989, Fluid Line Technology has been the answer to the need for manufacturing quality crafted stainless steel custom fabrications and standard sanitary components for the Bio-Technology, Bio-Pharmaceutical, Food, Dairy, Beverage and Semi-Conductor marketplace.

Fluid Line Technology has produced a wide variety of custom fabrications to complement our line of standard products. Over the years, our standard product lines have developed in conjunction with our Customer's needs and concerns. We have taken great pride in developing these products and look forward to the opportunities to learn from and serve new and existing Customers.

We have always maintained the attitude of, "if you can dream it up, we can build it!" As you look through our catalog you will see many examples of custom fabricated items that look as if they are right off the shelf or from a catalog. This is the direct result of a staff of employees who are passionate about stainless steel custom fabrications! We feel so strongly about this, we go the extra mile to procure our own materials, mainly 316L, low ferrite and low sulfur content to ensure the highest quality.

Along with our state-of-the-art TIG, Orbital, and Hand welding department, we house a fully tooled and creative machining and cutting department to meet most any custom fabrication needs. Our ID and OD polishing professionals can polish any of your fabrications to meet or exceed any surface finish you may require.

Our onsite washing and electro-polishing department is staffed with highly trained professionals. We also have an onsite inspection department and we maintain being BPE and ISO compliant.

Fluid Line is located in Southern California. Our facility is very near to our local suppliers and vendors in order to keep our costs to a minimum. We pride ourselves on being an efficient manufacturing facility with a professionally designed floor plan for optimal work flow.

Other services we provide are, manufacturing for OEM'S, engineering services, skid & filtration assembly, product development, onsite tube bending, onsite abrasive flow polishing, onsite citric passivation, and local nitric passivation to your required specifications.

MANUFACTURING CAPABILITIES

□ METAL FORMING

Tube Bending up to 2" diameter

Tee Porting Branches and Multi- Outlet manifolds up to 6" diameter

□ MATERIALS

316 L

Alloy 22 & 276

Performance Plastics

Consult Factory for other exotic materials

□ CHEMICAL TREATMENT

Electro Polishing

Passivation Citric / Nitric

□ WELDING

From 1/8" diameter through 12" diameter

Manual weld

Semi Automatic weld

Orbital weld

Weld documentation logs upon request

□ POLISHING

From 1/4" diameter through 12" diameter

Mechanical Polishing from mill finish to 5Ra

Abrasive Flow Polishing service available

□ MACHINING

Manual Lathe & Mill

CNC Lathe & Mill

□ ADDITIONAL SERVICES

Helium Leak Test

Third Party Inspection

Hydrostatic Test

Bore Scope Inspection

SPECIALTY ITEMS

- ❑ Abrasive Flow Machine, 90 degree elbows available 1/2"-3/4"-1"
- ❑ Dip tubes
- ❑ Transfer panels
- ❑ Jumpers
- ❑ Restricting Orifices
- ❑ Helospray assemblies
- ❑ Sample Vials
- ❑ Stability Test Vials
- ❑ Filter Housings
- ❑ Multi-port block body design
- ❑ Custom valve fabrication
- ❑ Tubular sub-assemblies
- ❑ Integration of controls and instrumentation into process piping
- ❑ Filling needles
- ❑ Rebuild / Refurbish filter housings
- ❑ Rebuild / Refurbish diaphragm valves

TEE BLOCK BLEED AND SAMPLE VALVES

BENEFITS

- ❑ Minimal Dead Leg
- ❑ Sanitary design
- ❑ Available with locking or non-locking safety handle
- ❑ Fully customizable to customer specifications

TECHNICAL INFORMATION

- ❑ Pressure rating up to 150 psi
- ❑ Variety of surface finishes available
- ❑ Variety of Alloy materials available
- ❑ Variety of chemical treatments available
- ❑ NPT and clamp instrument connections
- ❑ All insertion lengths available
- ❑ MTR'S standard for full material traceability (Heat numbers / codes)





Certificate of Surface Treatment

Company Name	Certificate No.
Contact	Customer P.O. No.
Address	Job No.
City, State, Zip	Time

Item	Quantity	Part Number	Description

Electro Polish	Treatment	ID Finish	Specifications
Passivate		OD Finish	

Certification We hereby certify that the parts described above were given the treatment indicated, in accordance with the stated specifications.

Authorized Representative	Date

9362 Eton Ave • Chatsworth, CA 91311 • 818-998-8848 Phone • 818-998-6331 Fax
www.fluidlinetech.com



Welding Conformance

Company Name	Certificate No.
Contact	Customer P.O. No.
Address	Job No.
City, State, Zip	Time

Item	Quantity	Part Number	Description

Certification Fluid Line Technology certifies that no filler have been used on parts and it's 100% automatic tute weld procedure.

Authorized Representative	Date

9362 Eton Ave • Chatsworth, CA 91311 • 818-998-8848 Phone • 818-998-6331 Fax
www.fluidlinetech.com



Certificate of Pressure Test

Company Name	Certificate No.
Contact	Customer P.O. No.
Address	Job No.
City, State, Zip	Time

Item	Quantity	Part Number	Description

Procedure:
 1- Cap all outlets.
 2- Connect pressure test gauge.
 3- Connect 75 psi Air Inlet.
 4- Pressure tank to 90 psi.
 5- Test unit under 90 psi. for a minimum of 3 minutes.

PASS: _____ **NO PASS:** _____
DATE TESTED: _____

Certification We hereby certify that the parts described above were given the treatment indicated, in accordance with the stated specifications.

Authorized Representative	Date

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Quality Control Documentation / Compliance Rec

Project: _____
 Drawing No.: _____
 Line No.: _____

Weld Sta.	Material Type	Size Inv.	Cast/Heat No.	Date Weld	Weld Procedure	Ra Loc.	Ra Read
01							
02							

Customer Attn:	P.O. No.
	Part No.
	Weld Log No.
	Job No.
	Welder
	Welder Ig No.
	Quantity

All welds performed in accordance with PQR's established by:

Inspected by:

Qualified by:

Date:

9362 Eton Ave • Chatsworth, CA 91311 • 818-998-8848 Phone • 818-998-6331 Fax
www.fluidlinetech.com



Certificate of Electropolish

Company Name	Customer P.O. #
Attn.	Date
Part #	Quantity
Job #	Time

Certification This is to certify that the parts were polished and Electro-polish to 20 Ra in accordance to Fluid Line Technology Corporation.

Description:

Process: VIA EP PROCESS

Authorized Representative	Date

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PASSIVATION PROCEDURE

Citrisurf 3050 Pharmaceutical Grade

Passivation Procedure - Tank / Submersion Bath Application

- Clean surface to be free of all oils and grease with Plonitol Soap
- Submerge surface / part in CitriSurf 3050 bath.
 - Ambient temperature of room/surface = 70° and above - leave Part submerged CitriSurf 3050 for 60-minutes.
 - Surface temperature of 120° to 160° - leave part submerged in CitriSurf 3050 for 30- minutes.
- After Submerging work Piece and Process is completed Rinse all wetted surfaces utilizing DI water . All surface must be free of any water stain.

Passivation Certification

Fluid Line Job #: _____ Passivated By: _____
 Customer: _____
 Customer P.O.#: _____ Representative: _____
 Description: _____
 Drawing No.: _____
 Quantity: _____ Time: _____
 Certificate #: _____ Date: _____

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