



## TUBE WELDERS FOR CLOSED SYSTEMS

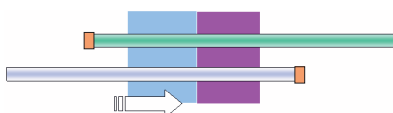


Tube welders allow for “Welded Closed System” sterile fluid path connections to be made when using single-use systems. The need for a laminar flow hood, filters, valves and connectors are not necessary when using a tube welder to make sterile fluid transfer. The process allows the connection of multiple fluid paths utilizing C-Flex or equivalent Thermo Plastic Elastomer (TPE) tubing. The welder is useful for connecting tubing between process containers and equipment and is designed to connect small or large diameter tubing enabling high flow rates and large transfer volumes. Typical applications for use are: small volume sampling or large bags for media, buffer fills, reactor or process transfer. The tubing is applied to bag systems and tube sets, irradiated sterile or autoclaved as applied to tanks and additional tubing assemblies. Tube ends are sealed or plugged.

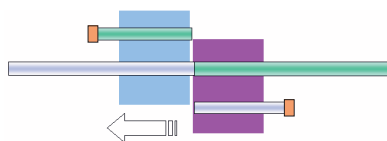
Go to [www.asisus.com](http://www.asisus.com) to watch all videos



### TWO PLUGGED STERILE FLUID PATHS ARE INSERTED INTO CLAMPS



A HEATED, STERILE BLADE SLICES BOTH TUBES



SEGMENTS ARE SHIFTED AND RE-ALIGNED



BLADE IS REMOVED, FUSING BOTH TUBES TOGETHER. STERILE WELD CYCLE IS COMPLETE.

### TERUMO WELDER

Tube Size: 1/8" ID x 1/4" OD

Bag Size: 100 mL  
250 mL  
500 mL  
1 Liter  
2 Liter

### SAINT GOBAIN / STEDIM & WAVE WELDERS

Tube Size: 1/4" ID x 3/8" OD

Bag Size: 5 Liter  
10 Liter  
20 Liter  
50 Liter  
100 Liter  
200 Liter