



# BioTube™ Applicator

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The Bio Tube Applicator tube to hose barb assembly machine allows effortless insertion of connectors into a wide variety of tubing, including silicone and thermoplastic elastomers. Union of the tube and connectors is completed without damage to the internal bore of the tube, and importantly, without lubrication such as IPA. Providing a repeatable process, this aids cGMP compliance and validation procedures. The presence of IPA in the fluid path is a growing concern in bioprocessing, so avoiding its use simplifies validation.

- **Increase quality and productivity** Automating your tube to hose barb assembly provides repeatability not available with manual processes, thus increasing quality and reducing the risk of junction failures, especially in higher pressure downstream bioprocessing. Automation can also boost productivity and streamline your workflow.
- **Improve safety** Advanced features that can replicate a manual assembly process ensure that even the most complex application can be transferred to the Bio Tube Applicator. Improving safety in the assembly process, the Bio Tube Applicator removes risk of operator error and health risks associated with RSI.
- **Add flexibility** Utilising different combinations of change parts, a wide range of applications can be achieved, ensuring that the needs of your process assembly operation are supported.



The Bio Tube Applicator utilises change parts to allow different combinations of products to be assembled. These consist of these three components below:

**Tube support** - to hold the tubing during the application process

**Jaws** - patented action ensures the tubing is applied without damage

**Cradle** - supports the component during the application process



The change parts can be interchanged within 30 seconds and do not require tooling.

Application videos are available which demonstrate the operation of the Bio Tube Applicator and its use to solve a variety of applications. [www.wmfts.com/bta](http://www.wmfts.com/bta)

By utilising change parts we guarantee a repeatable process to ensure every connection is the same as the last. This provides a base for validation and aids compliance to cGMP.

Specification



1	Automatic shut down safety cover
2	Tube support
3	Jaws
4	Cradle
5	Two button activation
6	Ergonomical, lightweight design including carry handles
7	Pressure gauge
8	Air vent exhaust: fitted with exhaust filter that meets the requirements for use within ISO Class 4 clean room
9	Air inlet
10	Power inlet
11	Pecking dial: can be adjusted to ensure a precise replication of the manual assembly process is achieved

Model number	BTA125/625
Tubing/component size compatibility	1/8" - 1"
Main feed, electrical supply	100 - 120V / 220-240V AC 50/60Hz
Control, electrical supply	24V DC
Fuse rating	5 amps
Compressed air pressure	73 - 87psi
Working temperature	41F - 104F
Storage temperature	-40F - 158F
Weight	40.7lbs
Dimensions	8.66in (H) x 17.32in (W) x 21.26in (L)



## BIOTECHNOLOGY AND PHARMACEUTICAL SOLUTIONS



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