

Vante® STERILE CONNECTOR



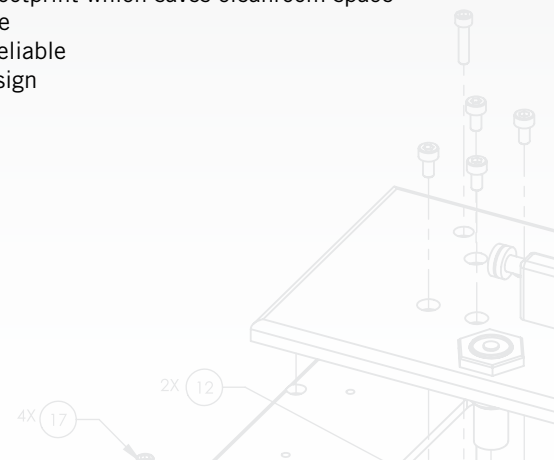
The Vante® Sterile Connector is an automated table top device which produces a singular aseptic tubing connection from two separate tubing segments. The Model 3960 is designed for use in biopharmaceutical manufacturing applications where aseptic tubing connections are required. It is a stand-alone automated table top device that requires minimal user interface for ease of operation. The unit incorporates self-controlled heating operation and temperature monitoring as well as an automated mechanical assembly to perform the tube welding operation. A cover protects the user during the operation. The Welder requires a single use, disposable cutting blade which is purchased separately from the unit. The tubing can be wet, dry or fluid filled.

Features:

- Stand-alone table top device
- Minimal user interface
- Self-controlled heating operation
- Temperature monitoring
- Tubing can be wet, dry or fluid filled

Benefits:

- Compact footprint which saves cleanroom space
- Easy to use
- Fast and reliable
- Proven design



MECHANICAL SPECIFICATIONS

3960

Dimensions (W x L x H)	12 x 13 x 9.5 inches (30.5 x 33 x 24.1 cm)
Operating Weight	25 lbs (11.35 kg)

ELECTRICAL SPECIFICATIONS

Certifications	cTUVus, CE, WEEE
Power Input	120 VAC, 50-60 Hz, 2.4 amps 230 VAC, 50-60 Hz, 3.1 amps
Main Fuses	1.6A-T 250 VAC (120 VAC Units) 0.8A-T 250 VAC (230 VAC Units)

PERFORMANCE FACTORS

Tubing Size	0.375 – 0.750 inches OD, 0.0625 - 0.125 inches wall thickness
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OPERATING CONDITIONS

Temperature	68° - 110°F (20° - 43°C)
Humidity	90% maximum relative humidity, Non-condensing
Compressed Filtered Air	85-100 PSI

Tube Size Compatibility Chart

3960 Tube Welder

The Vante 3960 Tube Welder is supplied with the tooling / Tube Captures to process the following tubing sizes:

Tubing Size ID x OD	Pump Tubing Size	Tubing Capture
3/16" x 3/8"	3, 25	Small
1/4" x 3/8"	17	Small
1/4" x 7/16"	24	Small
1/4" x 1/2"	26	Small
5/16" x 7/16"	18	Small
5/16" x 1/2"	35	Small
3/8" x 1/2"	96	Small
3/8" x 9/16"	36	Small
3/8" x 5/8"	73	Large
1/2" x 11/16"		Large
1/2" x 3/4"	82	Large

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