

# Vante® STERILE CONNECTOR



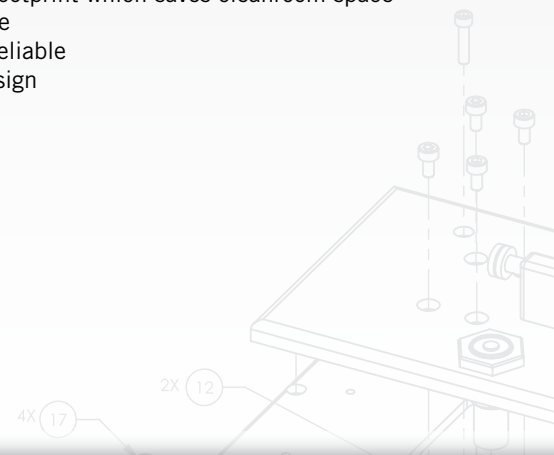
The Vante® Sterile Connector is an automated table top device which produces a singular aseptic tubing connection from two separate tubing segments. The Model 3960 is designed for use in biopharmaceutical manufacturing applications where aseptic tubing connections are required. It is a stand-alone automated 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<br>(W x L x H) | 12 x 13 x 9.5 inches<br>(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<br>230 VAC, 50-60 Hz, 3.1 amps       |
| Main Fuses     | 1.6A-T 250 VAC (120 VAC Units)<br>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 |
|-------------|---|

## OPERATING CONDITIONS

|                         |  |
|-------------------------|--|
| Temperature             | 68° - 110°F (20° - 43°C)                         |
| Humidity                | 90% maximum relative humidity,<br>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:

| <b>Tubing Size<br/>ID x OD</b> | <b>Tubing<br/>Capture</b> |
|--------------------------------|---------------------------|
| <b>3/16" x 3/8"</b>            | <b>Small</b>              |
| <b>1/4" x 3/8"</b>             | <b>Small</b>              |
| <b>1/4" x 7/16"</b>            | <b>Small</b>              |
| <b>1/4" x 1/2"</b>             | <b>Small</b>              |
| <b>5/16" x 1/2"</b>            | <b>Small</b>              |
| <b>3/8" x 1/2"</b>             | <b>Small</b>              |
| <b>3/8" x 9/16"</b>            | <b>Small</b>              |
| <b>3/8" x 5/8"</b>             | <b>Large</b>              |
| <b>1/2" x 11/16"</b>           | <b>Large</b>              |
| <b>1/2" x 3/4"</b>             | <b>Large</b>              |

## **Vante 3960 Tube Welder**

### **Packaging and Shipping Information**

#### **Included with each 3960 Tube Welder Shipment**

- 3960 Tube Welder
  - Certificate of Compliance
  - Operator Manual
  - 1 Set of Small Tubing Captures
  - 1 Set of Large Tubing Captures
  - 1 Set of Hinge Pins
  - Box of 10ea Welder Blades, pn 39602000
  - Power Cord
  - 10-Foot Air Line with ¼” Quick Connect for Optional Connection to External Compressed Air Supply

#### **Shipping Box Dimensions and Weights**

- 18in x 18in x 18in (46cm x 46cm x 46cm)
- 31lbs (14.1kg)

#### **Other Shipping Information**

- Harmonized Standard Code
  - 8501.61.0000
- Standard Method of Shipment
  - FedEx Priority 2-Day Service (unless otherwise noted on purchase order)