

# Sterile portfolio

## SEALING AND TUBING SOLUTIONS

### Vante® TPE Sealer System



#### Controller Model 4160

##### Thin-Wall Sealing Head Model 4161

This sealing head model seals .062 & .094 inch wall thickness tubing with an outside diameter range of .250 to .688 inches.

##### Thick-Wall Sealing Head Model 4162

This sealing head model seals .125 inch wall thickness tubing with an outside diameter range of .375 to 1.00 inches.

The Vante® 4160-series TPE Tubing Sealer is designed for efficient, portable sealing of thermoplastic tubing in biopharmaceutical cleanrooms. It requires no external air supply and features durable, maintenance-free heads connected to the controller by an 8ft cable. With remote sealing capability, two levels of password protection, and a safety lock during sealing, this user-friendly sealer ensures reliable process control.

#### Features

- Password protected settings
- Standard remote sealing heads with safety lock and cycle start button
- Increased tubing O.D. capability to 1"

#### Benefits

- No external compressed air required
- Truly remote sealing capability
- Settings are easily adjusted and locked
- Ease of operation
- Very low maintenance
- Easy to clean

#### Specifications

Part Number	BP702080-001	BP702080-002	BP702080-003
MECHANICAL SPECIFICATIONS	<b>4160</b>	<b>4161</b>	<b>4162</b>
Dimensions (W x L x H)	9 x 16.5 x 6 inches 22.5 x 41 x 15 cm	3 x 12.5 x 2 inches 7.5 x 31.5 x 5 cm	3 x 13 x 2 inches 7.5 x 32.5 x 5 cm
Operating Weight	14 lbs (5.4 kg)	2.5 lbs (1.13 kg)	2.6 lbs (1.18 kg)

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Part Number	BP702080-001	BP702080-002	BP702080-003
<b>ELECTRICAL SPECIFICATIONS</b>			
Certifications	cTUVus, CE, WEEE, RoHS	-	-
Power Input	100VAC +/-10%, 50-60Hz 115VAC +/-10%, 50-60 Hz 230VAC +/- 10%, 50-60 Hz	100VAC +/-10%, 50-60Hz 115VAC +/-10%, 50-60Hz 230VAC +/- 10%, 50-60Hz	100VAC +/-10%, 50-60Hz 115VAC +/-10%, 50-60 Hz 230VAC +/- 10%, 50-60 Hz
Main Fuses	(100VAC units) 4A (115VAC units) 4A (230VAC units) 2A	-	-
<b>PERFORMANCE FACTORS</b>			
Tubing Sizes (O.D.)	-	.250 - .668 inches .062 - .094 inch wall thickness	.375 - 1.0 inches .125 inch wall thickness
<b>OPERATING CONDITIONS</b>			
Temperature	59° -95° F (15° - 35°C)	59° -95° F (15° - 35°C)	59° -95° F (15° - 35°C)
Humidity	70% maximum relative humidity (non- condensing )		
Compressed Air Supply	Not Required	-	-

## Vante® Sterile Connector



The Vante® Sterile Connector Model 3960 is an automated tabletop device for creating aseptic tubing connections in biopharmaceutical manufacturing. It features self-controlled heating, temperature monitoring, and an automated mechanical assembly for tube welding. With minimal user interface, a protective cover, and a disposable cutting blade (sold separately), it supports wet, dry, or fluid-filled tubing.

### 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

Part Number	BP702080-011		
MECHANICAL SPECIFICATIONS	<b>3960</b>		
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)
<b>ELECTRICAL SPECIFICATIONS</b>		<b>OPERATING CONDITIONS</b>	
Certifications	cTUVus, CE, WEEE	Temperature	68° - 110°F (20° - 43°C)
Power Input	120 VAC, 50-60 Hz, 2.4 amps 230 VAC, 50-60 Hz, 3.1 amps	Humidity	90% maximum relative humidity, Non- condensing
Main Fuses	1.6A-T 250 VAC (120 VAC Units) 0.8A-T 250 VAC (230 VAC Units)	Compressed Filtered Air	85-100 PSI
<b>PERFORMANCE FACTORS</b>			
Tubing Size	0.250 - 0.750 inches OD, 0.0625 - 0.125 inches wall thickness		

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