Vante HAND-HELD MEDIUM/LARGE

Tube Sealing System





The Vante[™] Hand-Held Medium/Large Tube Sealing System handles a variety of tubing types and sizes using RF technology to seal both dry and fluid filled dielectric tubing, such as PVC and EVA. This fast and dependable system features a model 3120, 200 Watt RF generator and one of two hand-held sealing heads. The model 3806 medium-sized sealing head handles tubing up to 1/2" OD* and the model 3807 large-sized sealing head handles tubing up to 1" OD*. RF power, RF dwell time and clamp time are manually controlled via the generator front panel allowing versatility of use. The ergonomically designed, hand-held sealing head features pneumatic air cylinders and includes 8' RF and pneumatic air lines. A built-in clamping feature holds tubing secure during the sealing process. Available 100 - 230 VAC 50/60 Hz outlet.

200 Watt RF Generator 3120

Fast and dependable, this RF generator can be teamed with one of two hand-held sealing heads. RF power, RF dwell time and clamp time are manually controlled via the front panel allowing versatility of use. Available 100-230 VAC 50/60 Hz outlet.

Hand-Held Sealing Head - Medium 3806

The Medium-Sized Sealing Head seals dry or fluid filled dielectric tubing to 1/2" OD*. Anticipated cycle time is less than 15 seconds.

Hand-Held Sealing Head - Large 3807

The Large-Sized Sealing Head seals dry or fluid filled dielectric tubing to 1" OD*. Anticipated cycle time is less than 25 seconds.

Features:

- · Ergonomic design
- · Pneumatic air cylinders
- · 8' RF and pneumatic air lines
- · Built-in clamping feature to hold tubing secure

Benefits:

- · Fast and dependable
- · Can seal various tubing sizes
- Easy to use
- · Hand-held sealing head for flexibility
- · Proven design

Applications:

- · 1/4" OD to 1" OD Tubing*
- · Seals dry or fluid filled dielectric tubing

Tubing Type:

- · PVC
- · EVA
- · Urethane
- · Some Nylons

^{*}Tubing sizes may vary depending on tubing durometer and wall thickness.

Please contact a Vante™ representative regarding your specific tubing. Tubing sizes smaller than 3/8* OD are not recommended with the model 3807 sealing head.

Vante[™] HAND-HELD MEDIUM/LARGE Tube Sealing System

	3120	3806	3807
Mechanical Specifications			
Dimensions	17 x 12 x 4"	8.5 x 2 x 7.25"	10 x 2.5 x 8.25"
	(43 x 30.5 x 10 cm)	(21.6 x 5 x 18.4 cm)	(25.4 x 6.3 x 20.9 cm)
Operating Weight	27 lbs (12.3 kg)	2.5 lbs (1.1 kg)	4.5 lbs (2.0 kg)
Shipping Weight	30.5 lbs (13.8 kg)	5.5 lbs <i>(2.5 kg)</i>	7.5 lbs (3.4 kg)
Pneumatic Air Supply	80-100 psi recommended	80-100 psi recommended	80-100 psi recommended
Electrical Specifications			
Certifications	CE, WEEE	_	
Power Input	100-230 VAC 50/60 Hz	_	
RF Power Output	200 Watts	_	_
Radio Frequency Output	40.68 MHz	_	<u> </u>
Performance Factors			
User Interface	Parameter Potentiometers		
	RF on Indicator	RF on Indicator	RF on Indicator
Arc Detect Capability	Yes	_	_
Duty Cycle	Application Dependent	_	_
Tubing Size	_	.250"50" OD	.380" - 1.00" OD
		(6.4 mm - 12.7 mm)	(9.6 mm - 25.4 mm)
Approximate Cycle Time	_	7s - 25s Application Specific	7s - 25s Application Specific
Operating Conditions			
		_	
Temperature	46 - 100°F <i>(8 - 38°C)</i>		_



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Non-condensing

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