# HAND-HELD MEDIUM/LARGE

**Tube Sealing System** 





The Vante<sup>™</sup> 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
- · FVA
- Urethane
- · Some Nylons

<sup>\*</sup>Tubing sizes may vary depending on tubing durometer and wall thickness. Please contact a Vante<sup>™</sup> representative regarding your specific tubing. Tubing sizes smaller than 3/8" OD are not recommended with the model 3807 sealing head.











# Vante<sup>™</sup> 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 <i>(2.0 kg)</i>
Shipping Weight	30.5 lbs (13.8 kg)	5.5 lbs <i>(2.5 kg)</i>	7.5 lbs <i>(3.4 kg)</i>
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	<del>_</del>	.250"50" OD	.380" - 1.00" OD
		(6.4 mm - 12.7 mm)	(9.6 mm - 25.4 mm)
Approximate Cycle Time	<del>_</del>	7s - 25s Application Specific	7s - 25s Application Specific
Operating Conditions			
	46 - 100°F <i>(8 - 38°C)</i>	_	
Operating Conditions Temperature Humidity	46 - 100°F <i>(8 - 38°C)</i> 90% maximum relative humidity		





Non-condensing



