

# 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

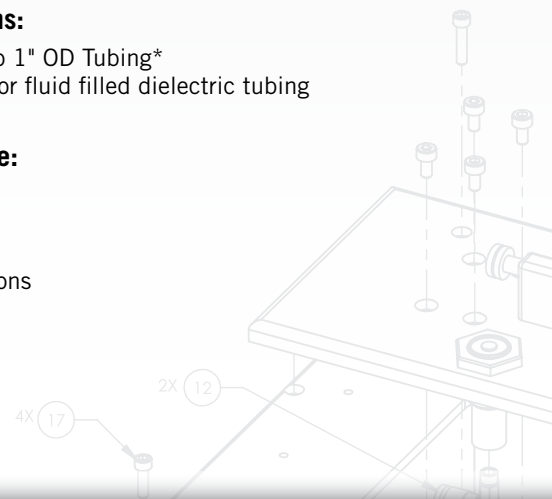
## Applications:

- 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.





# HAND-HELD MEDIUM/LARGE Tube Sealing System

	3120	3806	3807
<b>Mechanical Specifications</b>			
Dimensions	17 x 12 x 4" <i>(43 x 30.5 x 10 cm)</i>	8.5 x 2 x 7.25" <i>(21.6 x 5 x 18.4 cm)</i>	10 x 2.5 x 8.25" <i>(25.4 x 6.3 x 20.9 cm)</i>
Operating Weight	27 lbs <i>(12.3 kg)</i>	2.5 lbs <i>(1.1 kg)</i>	4.5 lbs <i>(2.0 kg)</i>
Shipping Weight	30.5 lbs <i>(13.8 kg)</i>	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
<b>Electrical Specifications</b>			
Certifications	CE, WEEE	—	—
Power Input	100-230 VAC 50/60 Hz	—	—
RF Power Output	200 Watts	—	—
Radio Frequency Output	40.68 MHz	—	—
<b>Performance Factors</b>			
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 <i>(6.4 mm - 12.7 mm)</i>	.380" - 1.00" OD <i>(9.6 mm - 25.4 mm)</i>
Approximate Cycle Time	—	7s - 25s Application Specific	7s - 25s Application Specific
<b>Operating Conditions</b>			
Temperature	46 - 100°F <i>(8 - 38°C)</i>	—	—
Humidity	90% maximum relative humidity Non-condensing	—	—



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