

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

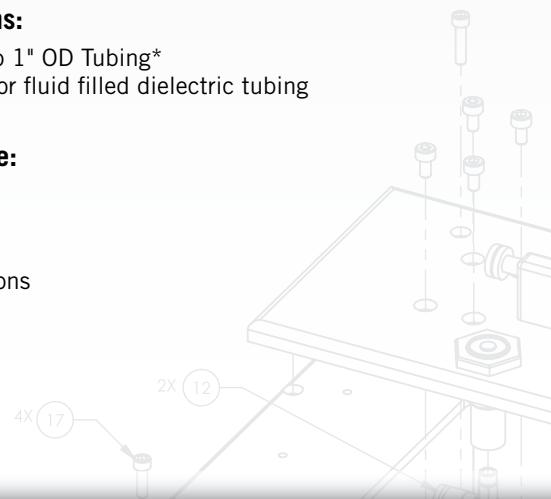
Applications:

- 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
Mechanical Specifications			
Dimensions	17 x 12 x 4" (43 x 30.5 x 10 cm)	8.5 x 2 x 7.25" (21.6 x 5 x 18.4 cm)	10 x 2.5 x 8.25" (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 (2.5 kg)	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	—	—

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 (6.4 mm - 12.7 mm)	.380" - 1.00" OD (9.6 mm - 25.4 mm)
Approximate Cycle Time	—	7s - 25s Application Specific	7s - 25s Application Specific

Operating Conditions

Temperature	46 - 100°F (8 - 38°C)	—	—
Humidity	90% maximum relative humidity Non-condensing	—	—