

SYSTEM SPECIFICATIONS

POWER SUPPLY

Tip-to-Ground Potential	< 2 mV	True RMS, 50-500 Hz
Tip-to-Ground Resistance	< 2 ohms	DC, unit on
Idle Temperature Stability	± 2°F (± 1.1°C)	Still air
Ambient Operating Temp.	50 - 104°F (10 - 40°C)	
Maximum Enclosure Temp.	150°F (65°C)	
Thermal Switch	Setpoint at 150 ± 3°F (66 ± 1.2°C)	
	Auto-reset once cooled to 110°F (43°C)	
Input Line Voltage	90 - 130 VAC (-11)	190-260VAC (-21)
Input Line Frequency	45 - 70 Hz (-11)	50-60Hz (-21)
Fuse	250V, 1.25 A, "Slo-Blo"	
Output Power	40 Watts maximum	
	@ 72°F (22°C) ambient temperature	
Output Frequency	13.56 MHz	
Auto-Off Feature	10 millisecond lag time	
Power Cord (3-wire)	6 ft (183 cm) 18/3 SJT	
W x H x D	5.3" x 9.5" x 4.7" (13.5cm x 24.1cm x 11.9cm)	
Weight	7.5 lbs. (3.41kg)	
Standards Compliance	MIL-STD-2000, -1686, -45743E, WS-6536D/E	

SOLDERING HANDPIECE

Weight	2 oz (56.7 g)
Handle Cord Assembly	6 ft (183 cm) carbon loaded silicone, shielded
ESD Materials	10 ⁵ - 10 ¹² ohm/square as per ASTM D257 (10 ⁵ - 10 ⁹ ohm/square where possible)

TALON HANDPIECE

Weight (handle)	2 oz (56.7 g)
Handle Cord Assy	6 ft (183 cm)
	Carbon loaded silicone, shielded
ESD Materials	10 ⁵ - 10 ¹² ohm/square as per ASTM D257 (10 ⁵ - 10 ⁹ ohm/square where possible)

DESOLDERING HANDPIECE

Input Air Pressure	60-100 psig required
Vacuum	18 inches Hg minimum
Weight	10.5 oz (298 g)
Handle Cord Assembly	6 ft (183 cm) carbon loaded silicone, shielded
ESD Materials	10 ⁵ - 10 ¹² ohm/square as per ASTM D257 (10 ⁵ - 10 ⁹ ohm/square where possible)

TIP CARTRIDGES

STTC Startup Power	500 Series > 25 Watts 600 Series > 25 Watts 700 Series > 30 Watts
Maximum Temperature	500 Series ≤ 575°F (302°C) 600 Series ≤ 675°F (352°C) 700 Series ≤ 775°F (405°C)

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