



The TOCCOtron 400 delivers reliable heating at a frequency range of 135 to 400 kHz. Advanced design features incorporated in this compact MOSFET based power supply make it user friendly. Load matching is automatic, based on a swept frequency design. Load matching components are internal, creating a reduced footprint. The relative high frequency capability of the TOCCOtron 400 makes this power supply the ideal choice when heating very thin materials, or in processes requiring precise depths of heating.



## FEATURES

- Solid state MOSFET design
- Tracks load resonance
- Built-in solid state heat timer
- PLC compatible communication port, RS-485 control interface
- Reliable output from 135 to 400 kHz
- Selectable output parameters meter
- Readily accepts lightweight remote load matching devices
- Remote loads can be mounted up to 200 feet away from the power source
- Automatic limit and fault protection with annunciation
- Automatic load matching

## Specifications:

Model	3 kW TOCCOtron 400	5 kW TOCCOtron 400	7.5 kW TOCCOtron 400	12.5 kW TOCCOtron 400	25 kW TOCCOtron 400	40 kW TOCCOtron 400
RF Output Power	3 kW continuous	5 kW continuous	7.5 kW continuous	12.5 kW continuous	25 kW continuous	40 kW continuous
Frequency Range	135 to 400 kHz					
RF Coil Voltage	0-500 V(rms)					0-700 V(rms)
AC line Input	208-240V <sup>±</sup> 10% 3 phase, 50/60 Hz					480V <sup>±</sup> 10% 3 phase, 50/60 Hz
AC line Power	3.8kVA @ 230V	5.8kVA @ 230V	8.7kVA @ 230V	14.5kVA @ 230V	29kVA @ 230V	47kVA @ 480V
Water Cooling Requirements 30 psi (207 kPa) minimum 105°F (41°C) maximum	Air Cooled	1.0 gpm min (.063 l/s)		2.0 gpm min (.126 l/s)	3.5 gpm min (.220 l/s)	4.5 gpm min (.283 l/s)
Distance to optional remote heat station	Up to 10 ft (3.048 m) standard	10 ft (3.048 m) standard; up to 200 ft (60.96 m), application dependant				
Customer I/O	RS-485 Control Interface; PLC compatible, built in digital heat timer, optional plug and play remote data loader					
Weight	43.5 lbs (20 kg)	55 lbs (25 kg)		145 lbs (65 kg)	175 lbs (80 kg)	
Dimensions	L 20.5in (520.7mm) W 11.7in (297.18mm) H 12.7in (322.58mm)	L 23.5in (597mm) W 14.5in (369mm) H 14.0in (356mm)		L 15in (381mm) W 20in 508mm) H 36in (915mm)		



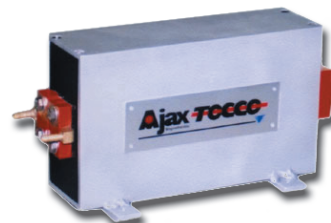
**Induction Coil Quick Clamp**  
allows quick changing of coils  
without wrenches or water valves



**Water Recirculating Systems**



**Heavy Duty Foot Switch**  
for hands free initiation of process



**Remote Heat Station**  
remote mount induction coils up to  
200 feet away