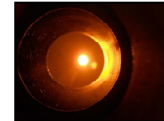


Microwave Furnace:
HT-3x2MF1-RV

Front loading 6 kW microwave application chamber with atmosphere reduction for melting, sintering, drying, and casting.


System Specifications:

Spec:	Description:
Microwave Power:	Dual 3kW Microwave Generator @ 2450 Mhz.
Electrical Power:	220 VAC 3φ @ 30 Amps.
Temperature Measurement:	Dual color optical pyrometer.
Vacuum:	Rotary vain pump for achieving 5×10^{-2} Torr in 15 minutes.
Interface:	Manual controls
Maximum Temperature	2200°C
Spare Ports:	2.75 CF (1) , 1" NPT
Vessel Construction:	1/4" Polished Stainless Steel
Vessel Size:	18 ft ³ (36" Diameter x 32" Long)
Hot Zone:	24" Diameter x 10" Height
Shell Cooling:	No
Purge Gas:	Argon / Nitrogen
Pressure Measurement:	Manometer
Pressure Relief:	Safety relief @ 5psi and hand relief valve
Price:	\$312,000