

Fusion 200 ACU

Technical information

Use:	Photoresist stripping at atmospheric pressure
Features:	<ul style="list-style-type: none"> • High ashing rates allowing high system throughput • Low particulates with minimum residues • Endpoint detection or timed ashing process control • Independent gas flow control through 2 mass flow controllers • Maximum 3 step process to 999 second total cycle time • Capacity for storage of up to 26 processes in non-volatile memory • Resistance heated vacuum wafer chuck • Ozonizer produces > 8% by weight of O₃ at 24 slm with pure O₂ gas feed • Temperature control via thermocouple sensor imbedded in wafer chuck • Typical range of operation: 200^o - 350^o C • Two arm, high precision, three dimensional robot compatible with uni-cassette • Compatible with any "H" bar cassette • Process, maintenance and diagnostic screens
Dimensions:	<ul style="list-style-type: none"> • 35" W X 51" D X 70" H; 1,600 pounds
Electrical:	<ul style="list-style-type: none"> • All standard voltages; 50 or 60 MHz; 3 phase; 7.0 KVA connected power
Compressed Air:	<ul style="list-style-type: none"> • 12 scfm at 70 psi
Cooling Water:	<ul style="list-style-type: none"> • 0.35 gpm at 20 psi; must be > 1.0 X 10⁶ ohm-cm resistivity
Oxygen:	<ul style="list-style-type: none"> • 25 slm @ 45 psi
Nitrous Oxide:	<ul style="list-style-type: none"> • 1 slm @ 45 psi
Ozonizer Chiller:	<ul style="list-style-type: none"> • 208 - 240 VAC; 50/60 Hz; Single phase; 15 amp
Vacuum:	<ul style="list-style-type: none"> • 20" Hg or greater
Drain:	<ul style="list-style-type: none"> • Low back pressure, vented gravity drain; suitable for service to 250^o F