



# YES-G1000LMC Plasma Cleaning System

For Cleaning Loaded Lead Frames

## Specifications

Hardware	
Clean Room Compatibility	Class 10
Operation Temperature	20 – 100 °C
N <sub>2</sub> Flow Rate	1.7 SCFM
Process Gas Flow Rate	20-50 SCCM average
Interior Chamber Dimensions	46 cm (W) x 46 cm (D) x 30 cm (H) (18" x 18" x 12")
Maximum Magazine Size	15.2 cm (W) x 33 cm (D) x 20.3 cm (H) (6" x 13" x 8")
Overall System Dimensions	59.69 cm (W) x 71.12 cm (D) x 113.284 cm (H) (23.5" x 28" x 44.6") Note: Height does not include light tower
Chamber Material	6061-T6 aluminum
Process Gas Inputs	3 standard
Capacity	Two or more side-vented magazines (depending on size)
Mass Flow Controllers	3 optional, for gas mixing capability
SEMI™ Compliance	S2/S8
Vacuum Plumbing	KF 40
Vacuum Sensor	0-1000 Torr with 2 programmable trip points
Software	
Number of Recipes	12 with load/save/loop/link capability
Range of Exposure Time	0-1200 seconds (20 minutes)
Resolution of Timer Setting	1 second
Performance	
RF Plasma Power	0-1000 watts @ 550 VAC, selectable power
Nitrogen Consumption	0 SCF idle, 6.8 SCF peak, 1.7 SCF average
Power Consumption with Pump	375W idle, 1000W peak, 640W average
Reactant Gas Consumption	0 SCF idle, 20-50 SCCM
Additional	
Power Requirements	208-230V, 20 amps, 50/60 Hz, 1 phase
System Weight (without pump)	181.5 kg (400 lbs)
Shipping Weight, Crated (approx., w/pump)	349 kg (770 lbs)
Crate Dimensions	137.6 cm (W) x 91.44 cm (D) x 144.78 cm (H) (54" x 36" x 57")



## Contact Us

When you're ready to run process tests, a demonstration can be arranged using your chemicals and samples. Call +1 925-373-8353 (worldwide), 1-888-YES-3637 (US toll free), or visit us online at [www.yieldengineering.com](http://www.yieldengineering.com).

©2007 Yield Engineering Systems. Yield Engineering Systems and the Yield Engineering Systems logo are trademarks of Yield Engineering Systems, Inc. All other brands, product names and logos are trademarks or service marks of their respective owners. All specifications subject to change without notice. Individual process results may vary.