



## YES-G1000LMC Plasma Cleaning System

*For Cleaning Loaded Lead Frames*

### Specifications

<b>Hardware</b>	
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
<b>Software</b>	
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
<b>Performance</b>	
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
<b>Additional</b>	
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 +352 450010 or visit us at [www.bitalu.lu](http://www.bitalu.lu)

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