2. The YES-3/10 and YES-58 Systems

Yield Engineering Systems' YES-3/10 and YES-5/8 have the capabilities to perform two individual processes: 1. Vacuum Bake Vapor Prime 2. Anhydrous Ammonia Gas Image Reversal. The YES-3/10 and 5/8 give excellent, consistent results due to the simplicity of the process requirements and the design to keep them that way.

The two systems are designed and built to be safe, reliable, durable and operator-friendly.

Features of the system include:

1. Microprocessor control of output with input monitoring
2. Multi-programming capabilities
3. Program lock-out
4. Cycle complete/abort light and sonalert
5. Electropolished 316 stainless steel chamber
6. Internal chamber welds
7. Two independent overtemperature safety switches
8. Preheated nitrogen
9. Nitrogen filter, 0.5 micron
10. Top-welded, internal stainless steel shelf (YES-5/8)
11. Dual function--Prime/Reversal module

3. Specifications

YES-3/10

Process exposed parts:

316 stainless steel chamber, electro-polished with interior dimensions of 12" (305 mm) H x 12" (305 mm) W x 13.25" (336 mm) D
316 stainless steel tubing, passivated
316 stainless steel Swagelok fittings
Kel-F teflon (Nupro valve seats)
MIC6 Aluminum door plate
Silicone door seal, gray
Buna-N seals, Quick-Connect fittings
Viton flask seals, black

200 watt heaters, 6 each

Prime/Reversal Module with plumbing and mounting hardware

Power Requirements:

YES-3/10 -- 115 VAC, 60 Hz, 1 phase

YES-3/10E (Europe) -- 220/240 VAC, 50 Hz, 1 phase

YES-3/10J (Japan) -- 100 VAC, 50/60 Hz, 1 phase

All models draw a total of 1300 watts maximum

Wafer capacity: 8 x 4" wafer cassettes

Throughput (wafers per hour): Priming -- 400+, Reversal -- 200

Dimensions of unit: 27.5" (699 mm) H x 24.5" (622 mm) W x 19.5" (495 mm) D

YES-5/8

Process exposed parts:

316 stainless steel chamber, electropolished with interior