



## YES-310TA Vapor Prime + Image Reversal Oven

Dual Function System for HMDS Application as well as Image Reversal

### Specifications

|                                   |   |
|-----------------------------------|---|
| Hardware                          |   |
| Clean Room Compatibility          | Class 10  |
| Wafer Size                        | Up to 200mm   |
| Capacity                          | 8 cassettes 100mm wafers<br>2 cassettes 125mm wafers<br>2 cassettes 150mm wafers<br>1 cassette 200mm wafers |
| Batch Throughput                  | 2 load/hr vacuum bake/vapor prime<br>1 load/hr image reversal   |
| Operation Temperature             | Ambient to 160 °C   |
| Interior Chamber Dimensions       | 30.48 cm (W) x 33.66 cm (D) x 30.48 cm (H)<br>(12" x 13.25" x 12")  |
| Overall System Dimensions         | 63.195 cm (W) x 50.17 cm (D) x 77.29 cm (H)<br>(24.88" x 19.75" x 30.43")                                   |
| Chamber Material                  | 316L stainless steel, aluminum door plate   |
| Process Gas Inputs                | 1 N <sub>2</sub> vent gas, 1 ammonia, 1 vapor flask   |
| Cleanliness                       | <5 x 1 micron particles per 150 mm wafer  |
| Nitrogen Consumption              | 7 SCF per process   |
| Software                          |   |
| Number of Recipes                 | 8 process recipes   |
| Range of Exposure Time            | 0-999999 seconds  |
| Resolution of Timer Setting       | 1 second  |
| Performance                       |   |
| Temperature Uniformity            | ±5°C after stabilization period   |
| Additional                        |   |
| Power Requirements                | 188-253VAC, 50/60Hz, 10 amps  |
| Shipping Weight, Crated (approx.) | 147.42 kg (325 lbs)   |
| Crate Dimensions                  | 86.4 cm (W) x 106.7 cm (D) x 101.6 cm (H)<br>(34" x 42" x 40")  |



### 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).

©2010 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.