



PRODUCT DATA SHEET



P.I.E²

The PIE² pyrolytic cleaning oven is designed to remove residue from laboratory equipment through pyrolysis. The PIE² pyrolytic cleaning oven improves on all other pyrolytic ovens with its all-stainless construction which eliminates the corrosion that occurs with painted steel construction. The touchscreen functionality paired with multiple internal controls allows users to load in glass, press start, and walk away. The PIE² also improves on the safety of other pyrolytic ovens by using multiple passive safety monitoring devices. The blast chamber funnels explosions away from operators and cuts power to the machine simultaneously. Constant monitored temperature controls keep the unit from over heating and causing damage to your lab. In addition, the PIE² is the only pyrolytic oven to offer an optional nitrogen purge feature to further inert the chamber.

Features

- Dual Catalyst shelves that are both adjustable to accomodate different equipment sizes
- Passive blast chamber to confine and redirect chamber explosions away from operator
- Multiple redundant safety switches automatically activate before a problem occurs
- Simple-to-use touch screen system for easy operation
- All stainless construction which eliminates corrosion that happens with painted steel
- Adjustable legs for proper tilt adjustment
- Easy-to-read manometer for visual draft settings

Product Specifications

External Dimensions	42" wide x 62" high x 33" deep (34" deep with nitrogen purge feature)
Oven Capacity	22.875" wide x 19.7 high x 20" deep (5.22 cubic foot)
Electrical Power	30 amp Single Phase 240 V, 60Hz
Safety Controls	Chamber high temp switch, blast door switch, oxydizer high temp switch, red kill switch, oven door safety switch
Exhaust	Oxydizer burn off up to 1300°F via catalyst
Oven Construction	All-Stainless
Door Locking Mechanism	Solenoid (1" depth), Manual Door Lock, dual re-enforced door hinge
Optional Features	Nitrogen Purge Feature with monitoring

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