

# THERMTRONIX®

## AUTOCLEAN II™

### ALUMINUM ROTARY DEGASSING SYSTEM

★ SAFE ★

★ FAST ★

★ CLEAN ★

PORTABLE



EFFICIENT



EASY TO USE



LIGHT WEIGHT



LOW COST

AIR DRIVEN



### ★ ENVIRONMENTALLY SAFE DEGASSING ★

Complete AUTOCLEAN™ unit with graphite shaft and rotor attached weighs less than 75 lbs. (34 kg) for truly portable operation.

AUTOCLEAN™ was designed by THERMTRONIX®, a leading manufacturer of quality aluminum melting furnaces, specifically as a portable, lightweight, low cost cleaning system for degassing aluminum alloys in crucible type furnaces with precise, repeatable quality results. AUTOCLEAN™ is designed for use with nitrogen or argon to assure environmentally safe working conditions while providing consistently high quality aluminum.

Please visit us on-line 24/7 at:  
[WWW.THERMTRONIX.COM](http://WWW.THERMTRONIX.COM)

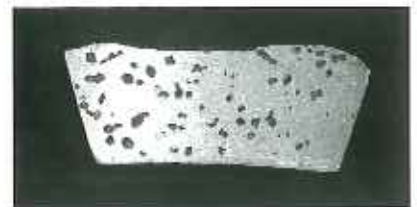
# THERMTRONIX®



## **AUTOCLEAN™** portable “single unit” features:

- NO electric service, no lines, no plugs, no switches, no controls, etc... Requires only a single air line and inert gas.
- NO wall mounted control panel, all controls are mounted directly on unit for truly portable operation.

**AUTOCLEAN™** utilizes a foundry proven method of spin degassing in which either a “dry” argon or nitrogen gas is passed through a heavy wall machined graphite shaft, factory protected with a non-wetting fiber cover to assure long life. A unique edge-cut rotor shears the gas and evenly disperses it in the bottom of the molten aluminum bath. These miniature gas bubbles present an increased surface area through which dissolved hydrogen in the molten aluminum is absorbed as they slowly rise to the surface. Typical degassing times will run from 7 to 15 minutes in a 1000 lbs. (450 kg) melt depending on alloy and inert gas used.



**BEFORE**

Samples taken from a 1000 lbs. (450 kg) melt of alloy 356 after 12 minutes of nitrogen degassing with **AUTOCLEAN™**, and tested @ 26 inches (660 mm) Hg in a RATS™ (Reduced Atmosphere Testing System) by **THERMTRONIX®**.

REPRESENTED BY:



**AFTER**

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