

Dicing Peripherals

Marketing News 2016



Your Choice for Success

Dicing Peripherals



UV Curing



CO2 Injectors



Cleaners



Mounters



Chillers



Mist Venting



Water Circulation



- Improve Dicing Process
- Reduce Costs
- Customized Solutions
- Eco Friendly

ADT = Dicing
Advanced Dicing Technologies

www.adt-dicing.com

Dicing Peripherals

Combining our Dicing Saws, Annular blades and Peripheral equipment, ADT aims to provide a complete Dicing production line and a full Process solution.

From Concept to Creation

As a policy, ADT provides focused solutions for specific requirements.

Experience and out-of-the-box thinking are then translated into innovative solutions, and finalized with detailed design and documentation.



This Marketing News Bulletin reviews ADT's new Peripheral Products developments and abilities

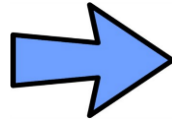
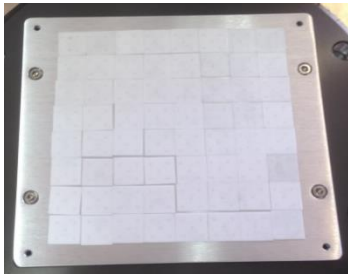


ADT 977 *Much more than a Wafer Cleaner*

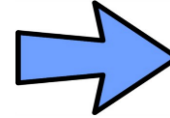
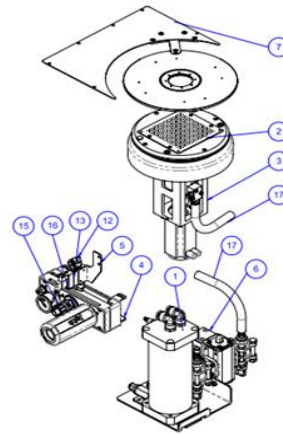
The ADT 977 Wafer Cleaner proved itself to be to be the top choice for wafer cleaning, and now for cleaning after tapeless dicing

Tapeless cleaning

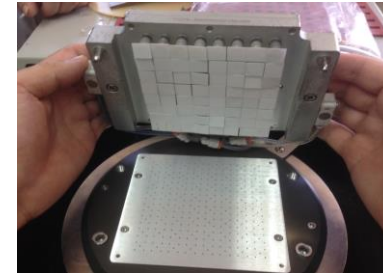
Tapeless dicing
(challenge)



Concept and detail design



Tapeless cleaning
(solution)



Clean Alumina dies after a **tapeless** dicing process.

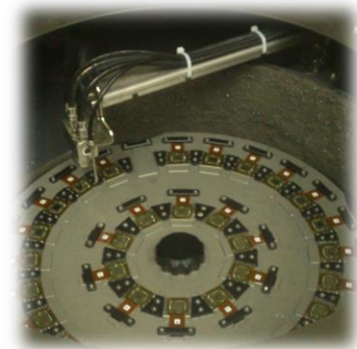
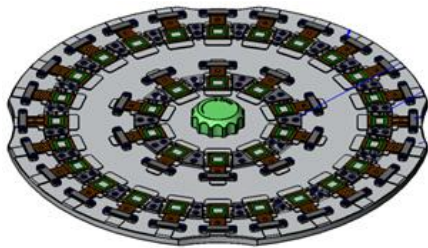
- The separated dies are transferred to the Cleaner using a vacuum handling tool.
- A high flow vacuum-drain system holds each die during the short yet effective cleaning process.
- Cleaning and drying are performed on both sides of the diced parts.
- Load/Unload features to support the vacuum handling tool

ADT 977 Not Only in the Dicing field !

Automotive
industry

Packaged device cleaning

The ADT 977 Cleaner is used for cleaning Photo sensors assembled on a flex cable, after passing through Die attach and Wire bonding.



- Centrifugal lock-in-position design
- Quick change mechanism to support multi chuck use for capacity increase
- To meet the production line capacity requirements we've provided our 300 mm model, equipped with a special chuck that can hold up to 32 devices!
- Option for Barcode scanning of each device and data logging on a connected PC

Customer testimony:

"The 977 is more effective on removing particles even down to submicron size, as well as very efficient and low in water and power consumption."

ADT Peripheral Equipment Enhancements

In a continuous effort to better serve the market, ADT is continuously developing new and advanced options and features, as well as improving the existing systems.

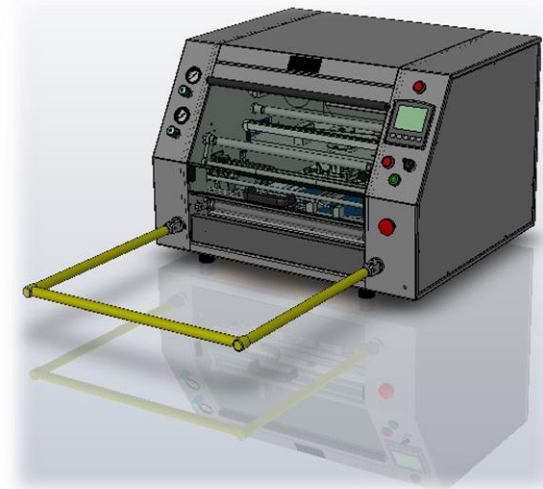
Model 937-A

Spindle Water Chiller



Model 967L

300 mm Semi Auto Mounter



In development process:

Model 927 Water management system

Going green:

Effective and environment
friendly water circulation