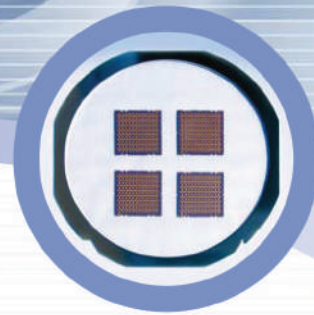
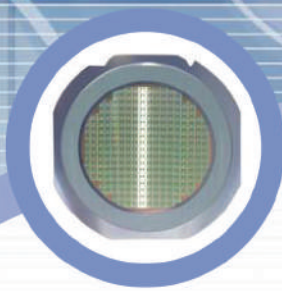


# WCS-977



## ADT 977 Wafer Cleaning System

ADT 977 Wafer Cleaner System is designed for cleaning workpieces after dicing.

### Effective Cleaning Methods

The unit is equipped with a spinning chuck table and a rotating cleaning arm. It can be configured with Atomizing Cleaning Nozzle or High Pressure Nozzle, providing comprehensive cleaning solution to a wide range of workpiece types.

### Easy Operation

ADT 977 is user friendly. An intuitive display control allows the user to set the desired cleaning sequences, spinning velocity and duration. Up to 8 recipes can be stored to match each workpiece specific requirements.

The unit supports real-time performance, monitoring and displaying status, total process time and alarms during operation.

### Wide Range Of Workpieces

Two basic models are available:

**ADT 977** support up to 8" diameter workpieces. **ADT 977 L** support up to 12" diameter workpieces. A variety of chuck tables and frames can be configured.

### System Highlights

- Compact design
- Atomizing and High pressure cleaning
- Easy to use - one touch activation with automatic lead cover closing
- Intuitive operating panel
- Process monitoring through status and alarms displays
- Light tower and buzzer
- Compliance with stringent safety standards
- Environment friendly



Ideal Choice for Single Frame Processing

**ADT = Dicing**  
Advanced Dicing Technologies

**Accelonix**  
keeping you ahead.



# WCS-977

## Features:

- Atomizing cleaning
- Air and nitrogen separation
- Nitrogen and water adjustable pressure gages
- Internal vacuum generator to hold the workpiece
- Air puff release
- Safety interlock
- Automatic covering /opening

## Options:

- Chucks
  - Ceramic 5", 6", 8", 12"
  - Grip rings
  - Unmounted wafers
- Mist suction
- Ionizer- elimination of static charge
- Cleaning additives
- Drain separation
- High pressure pump
- CO<sub>2</sub> injection
- Water resistivity monitoring



977's User Interface

Ideal Choice for Single Frame Processing

## Specifications:

<b>Max workpiece size</b>	Ø 200 mm (8")	Ø 300 mm (12")
<b>Cleaning method</b>	Atomizing Cleaning / High pressure cleaning	Atomizing Cleaning / High pressure cleaning
<b>Number of recipes that can be saved</b>	8	8
<b>Spinner velocity range</b>	200-3,000 rpm	200-2,000 rpm
<b>Utilities requirements:</b>		
Power supply	220 VAC 50/60Hz, single phase	220 VAC 50/60Hz, single phase
Power consumption During cleaning-	300 Watt; During Standby- 50 Watt	300 Watt; During Standby- 50 Watt
Air/Nitrogen pressure	4-5 bar	4-5 bar
Max water flow	1,000 mL/min	1,000 mL/min
Water pressure	3-5 bar	3-5 bar
Exhaust	150 CFM	150 CFM
<b>Machine dimensions (WxDxH)</b>	410X625X946 mm	520X809X946 mm
<b>Machine Weight Approx.</b>	100 Kg	150 Kg



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