

966 WAFER MOUNTER



Designed for manual mounting of workpieces on tapes. Supporting various types of dicing tapes and standard frames. Can be customized for multiple substrates (multi-panel) and irregular frames.

FEATURES & BENEFITS

- Adjustable mechanical design > Uniform tape tension and bubble free mounting
- Temperature controlled chuck heater > enhancing adhesion strength
- Anti static roller > Reducing electrical charge
- Built-in vacuum holder > Improving mounting accuracy
- UV back tape collector > Easy removal of UV protective layer

OPTIONS

- Electro-Static eliminator
- Plastic frame support
- Rectangular frame support
- Custom chucks and tailor made solutions

	Specifications	Units	966-8"	966-12"
Performance	Supported tapes	-	Dicing Blue-tapes / UV tapes	
	Max workpiece size	mm	Ø 200 (8")	Ø 300 (12")
	Supported film frames	-	DTF 2-8-1; DTF 2-6-1 350-103; 350-104	DTF-2-12
	Temp control chuck heater	°c	< 65	
Facility requirements	Power			
	Voltage	VAC	110 or 230	
	Frequency	Hz	50/60	
	Apparent power	VA	550	
	Air pressure	bar	3-5	
	Dimensions (W x D x H)	mm	420 x 860 x 370	550 x 1000 x 310
	Weight	Kg	45	60

967 AUTO WAFER MOUNTER



Designed for quality, hands-free mounting of workpieces on tapes. It features fast, consistent, precise and economic mounting at an exceptional cost-performance.

FEATURES & BENEFITS

- Automatic-controlled process > hands-free operation, consistent mounting
- Adjustable roller pressure > Bubble-free, uniform mounting
- Flexible design > Supports large variety of dicing tapes and frames
- Unique mechanical structure > Optimized tape usage, 20% Tape saving compare to manual system.
- Smart UI > Tape usage monitoring and visual alerts

OPTIONS

- Frame vacuum holder
- Non-Contact mounting kit
- Auto frame size detector and cutter
- Vacuum pencil
- Air puff kit
- Communication kit
- Electro-Static eliminator
- Rectangular frame support
- Custom chucks

	Specifications	Units	967	967L
Performance	Supported tapes	-	Dicing Blue-tapes / UV tapes	
	Max Workpiece size	mm	Ø 200 (8")	Ø 300 (12")
	Supported film frames	-	DTF 2-8-1; DTF 2-6-1 350-103; 350-104	DTF-2-12 SEMI-G74
	Temp control chuck heater	°c	< 65	
	Roller Pressure	bar	1-6 (adjustable)	
	Mounting time	sec	25	30
Facility requirements	Power			
	Voltage	VAC	100-120 or 220-240	
	Frequency	Hz	50 or 60	
	Apparent power	VA	800	
	Air pressure	bar	6-8	
	Dimensions (W x D x H)	mm	655 x 590 x 560	791 x 706 x 557
	Weight	Kg	65	85

977 WAFER CLEANER



Designed for after-dicing workpiece cleaning and drying. Equipped with a spinning chuck table and a rotating washing/drying arm. The arm can be configured with an atomizing cleaning nozzle or a high pressure nozzle to cope with a wide range of cleanliness requirements.

FEATURES & BENEFITS

- Compact design > Small foot print
- One touch activation, automatic lead cover closing > Quick and easy operation
- Programmable sequence control > Supports a wide range of applications
- Robust mechanical and electrical design > High reliability
- Advanced washing/drying arm configuration > High cleaning and drying performance

OPTIONS

- Built-in exhaust blower
- Ionizer
- IR heater
- Surfactant nozzle and tank
- Water Resistivity measurement
- CO2 injector
- Tape-less vacuum holding
- Special customized solutions

	Specifications	Units	977	977L
Performance	Max workpiece size	mm	Ø 200 (8")	Ø 300 (12")
	Cleaning method	-	Atomizing / High pressure	
	Number of recipes that can be saved	-	8	
	Spinner velocity range	rpm	50-3,000	50-2,000
Facility requirements	Power			
	Voltage	VAC	200-230, single phase	
	Frequency	Hz	50/60	
	Apparent power	VA	690	
	Air/Nitrogen pressure	bar	4-5	
	Water			
Flow rate	mL/min	0.5-2		
Pressure	bar	3-4		
Exhaust	CFM	100		
Dimensions (W x D x H)	mm	410 x 625 x 946	520 x 809 x 946	
	Weight	Kg	120	200



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ISRAEL
FACTORIES AND R&D CENTER - ISRAEL
ADVANCED DICING TECHNOLOGIES LTD.
 Hi-Tech Park (south), PO Box 87,
 Yokneam 2069202
 Tel: 972-4-8545222
 Fax: 972-4-8550007
 Email: sales@adt-co.com

CHINA
ADVANCED DICING TECHNOLOGIES LTD.
 PuDong, Shanghai, China
 Tel: 86-21-5093-9293
 Fax: 86-21-5093-9890
 Email: china_support@adt-co.com

NORTH AMERICA
ADVANCED DICING TECHNOLOGIES INC.
 East Coast Office - Horsham, PA
 Tel: 215-773-9155
 West Coast Office - Tempe, AZ
 Tel: 480-666-9620
 Email: ADT-USA-Sales@adt-co.com

TAIWAN
ADVANCED DICING TECHNOLOGIES, LTD.
 New Taipei City, Taiwan
 Tel: 886-2-2680-2027
 Fax: 886-2-2608-3710
 Email: adt-tw@adt-co.com

927 WATER RECYCLING SYSTEM



Designed for closed-loop, uniform supply of cutting water. It recycles drain water thru filtering, cooling and pumping to maintain required purification, temperature and flow levels for optimized dicing, cost saving and environment care.

FEATURES & BENEFITS

- Water recirculation > Reducing consumption by 95%
- Efficient cooling system > Reducing power consumption
- Self-Cleaning filter > saving cost of maintenance
- Low environment impact

OPTIONS

- Conductivity sensing kit
- Surfactant dispenser
- DI- Water recycling module
- Ultraviolet purification lamp

	Specifications	Units	Value
Recycling performance	Flow capacity	L/min	< 20
	supply pressure	bar	5
	Filtration level	µm	0.02
	Circulation tank	Litter	80
	Sediment tank	Litter	80
Cooling performance	Water recycling	%	> 95
	Temp. Setting range	°c	8-25
	Stability	°c	±1
	Cooling capacity	W	1200@25°c
	Gas (Refrigerant)	-	R-404A
Facility requirements	Control Method	-	PID
	Power		
	Voltage	V	380 or 208, 3-Phase
	Frequency	Hz	50 or 60
	Apparent power	VA	3000
	Water		
	Feed water pressure	bar	3-5
	Feed water flow rate	L/min	7
	Air pressure	bar	6-8
	Dimensions (W x D x H)	mm	620 x 1280 x 1720
Weight (Empty/Full)	Kg	350/500	

937-A SPINDLE CHILLER



Designed for closed-loop supply of spindle cooling water. It maintains stable, temperature-controlled water; an important factor for achieving high dicing accuracy and quality.

FEATURES & BENEFITS

- Water circulation > Reducing water consumption
- Water temperature control > Minimizing thermal expansion for high dicing accuracy
- High pumping capacity > Supporting up to 3 dicing saws simultaneously (low CoO)
- Touch panel LCD > Easy operation
- Unique pumping technology > Quiet operation, compact design and maintenance-free long life

	Specifications	Units	Value
Performance	Temperature range	°c	8-35
	Stability	°c	±0.1
	colling capacity	W	1000
	Refrigerant	-	R134A
	Pumping capacity	L/min	6.4
Facility requirements	reservoir volume	Litter	1.7
	Power		
	Voltage	VAC	115 or 230
	Frequency	Hz	50 or 60
	Apparent power	VA	1380
	Dimensions (W x D x H)	mm	526 x 360 x 555
	Weight	Kg	58

947 CO₂ INJECTOR



Designed for decreasing the resistivity of deionized (DI) water to a predefined level. Aimed at preventing particle adhesion and damage caused by static discharge during the dicing process.

FEATURES & BENEFITS

- PID Controlled resistivity level > Maintaining optimum and uniform resistivity for high yield
- Target and range setting
- Status and alarm indicators
- Unique injector technology > Reducing CO₂ consumption
- Compact design > Saving space
- Durable solid design > High reliability, maintenance free
- Eco friendly

	Specifications	Units	Value
Performance	Resistivity setting range	MΩ/cm	0.5-1
	Resistivity fluctuation range	-	Setting 10%
	Water capacity*	L/min	3-10
Facility requirements	Cutting water (Typically DI)		
	Pressure	bar	3-4
	Temperature	°c	20 - 25
	Resistivity	MΩ/cm	10-18
	CO₂**		
	Pressure	bar	2-4
	Purity	%	> 99.5
	Power		
	Voltage	VAC	110-230
	Frequency	Hz	50/60
Apparent power	VA	100	
Dimensions (W x D x H)	mm	190 x 446 x 365	
Weight	Kg	10	

* The unit supports single dicing saw
** Unit does not include CO₂ tank

955 UV CURING SYSTEM



Designed for after dicing UV tape curing to reduce the adhesive strength for ease of workpiece removal.

FEATURES & BENEFITS

- Table-top design > compact, space saving
- Standard UV bulbs > commercially available, inexpensive
- LCD integrated Control panel > Easy operation
- Simple design > No moving parts, maintenance free

OPTIONS

- Hand Held UV meter
- Nitrogen kit
- Frame Shutter
- Auto timer sound kit

	Specifications	Units	955-8"	955-12"
Performance	Max. frame Diameter	mm	300	400
	Exposure area	mm	250 x 250	Ø430
	UV wave length	nm	365	
	Number of lamps	-	6	18
Facility requirements	Power			
	Voltage	VAC	110-230	
	Frequency	Hz	50/60	50/60
	Apparent power	VA	150	500
	Dimensions (W x D x H)	mm	510 x 450 x 120	645 x 526 x 180
Weight	Kg	20	30	