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ADT 937 SPINDLE CHILLER

ADT model 937 Spindle Chiller is used to control and maintain stable cooling water temperature for the Dicer Spindle. Stable spindle temperature is an important factor of the dicing process, improving both accuracy and quality.

Reduces Operating Cost

ADT model 937 Chiller constantly pumps and circulates water from the Chiller's small reservoir to the spindle, thereby reducing costs while saving precious resources of water.

High Energy Efficiency

"Hot gas bypass" technology routes back the hot, uncondensed refrigerant through a reservoir coil thus eliminating on/off cycling of the compressor and the addition of energy wasting heaters. This method combined with P.I.D. control allows greater energy efficiency while constantly keeping temperature level of $\pm 0.1^{\circ}\text{C}$ from set target.

High Performance and Quiet Operation.

ADT's model 937 chiller, ensures quiet, safe and economic operation. Making it the ideal choice for your dicing saw.

System Highlights

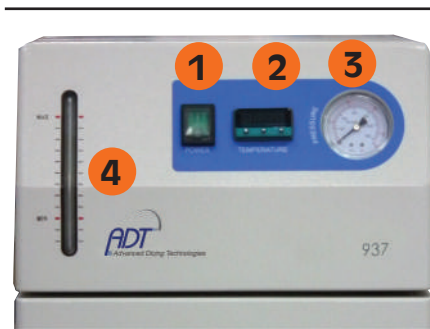
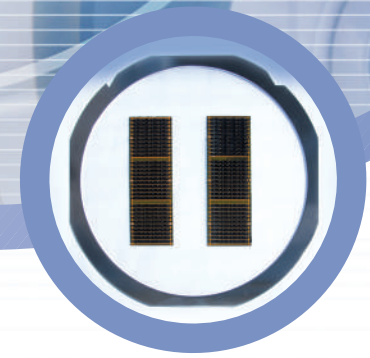
- Compact design
- Temperature accuracy $\pm 0.1^{\circ}\text{C}$
- Compatible with international environmental standards
- Compliance with stringent safety standards
- Integrates with two ADT saws simultaneously
- Water Circulation- Reduce water cost.

Specifications:

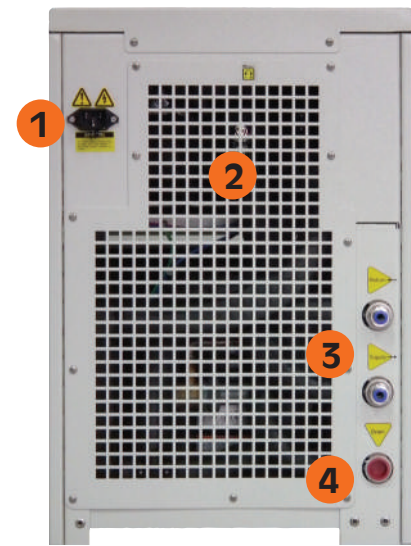
Temperature Range:	+8°C to +35°C
Stability:	$\pm 0.1^{\circ}\text{C}$
Cooling Capacity:	1000 W @ 20°C
Refrigerant	R134A
Pumping capacity:	6.4 L/min @ 60Psi
Reservoir Volume:	1.7 liters
Power:	115 VAC 60 Hz Or 230 VAC 50/60 Hz
Dimensions (LxWxH):	526x360x555mm
Weight:	58 Kg



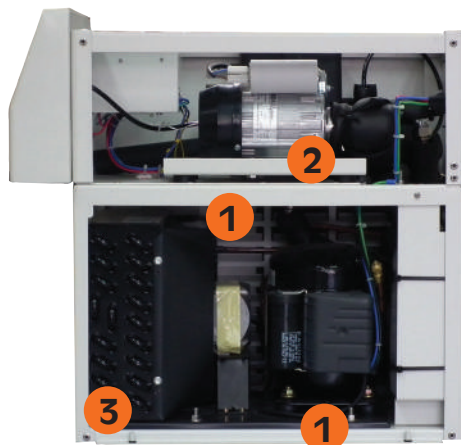
SIMPLE & EASY TO USE



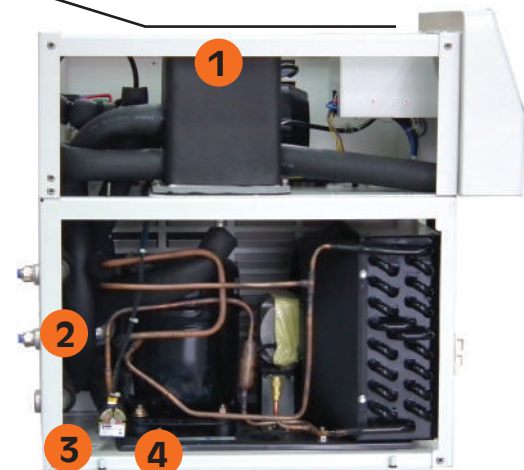
- 1 ON/OFF switch
- 2 P.I.D. Temperature controller: temperature stability $\pm 0.1^{\circ}\text{C}$
- 3 Pressure gauge
- 4 Liquid level indicator



- 1 Power socket IEC 320
- 2 Pump pressure relief valve
- 3 Supply- return connection
- 4 Liquid tank drain



- 1 Vibration insulation systems
- 2 Motor and pump
- 3 Condenser



- 1 Coolant / Water Reservoir
- 2 Hot-gas bypass valve
- 3 ON/OFF valve
- 4 Compressor



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