



# RenoNix WJ EQUIP Parts Profile

2020.09.03



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**Company Compendium**

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**WJ 999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts**

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**RenoNix Major Customer**

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# 1-1. Company Profile

**Established** 04<sup>th</sup> November 2010

**Business** Semiconductor tools marketing, Refurbishment, Installation, Relocation, Conversion & Modification, Parts outsourcing, Technical Service, On call service & Technical Development & manufacturing

**Capital** 330K USD

**Employee** 16 Persons

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**Web Site** www.irenonix.com

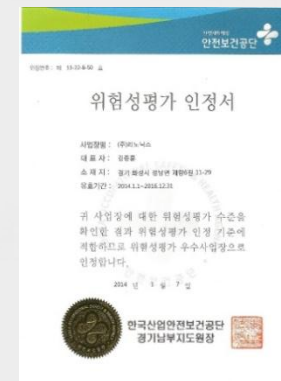
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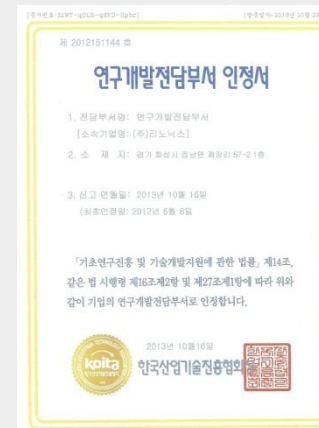
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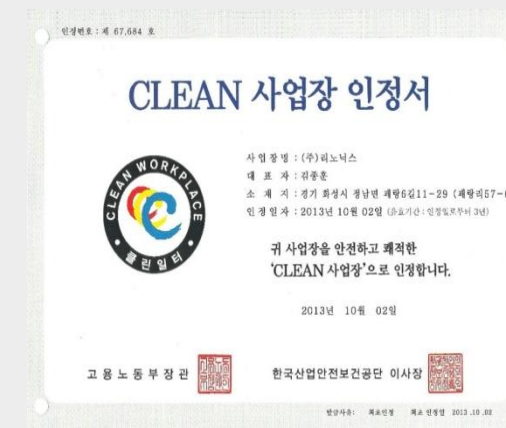
✓Enterprise Risk Management  
13-22-B-50



✓Research Institute  
2012151144



✓Clean Industry  
67,684



## 1-2. Project Record (The Most Recent 3 Years)

Customer	Project Name	Brief Description	Q'TY	Year
Korea	DxZ PE SiH4 System Controller	Relocation	1	2019
Korea	4 CxZ Giga Fill Process Conversion From PSG to BPSG	Conversion	1	2019
Korea	Endura PCII Chamber Addition	Addition	1	2019
Korea	4 WxZ Chamber Dual Divert	Conversion	1	2019
Korea	HDP SPEED USG 3 Chamber	Relocation	1	2019
Czech	Endura Back Metal 4 Chamber	Refurbish & Set-up	1	2019
Korea	CxZ Chamber From Bottom RPS to Top RPS	Conversion	1	2019
Singapore	Endura System From 6" to 8"	Conversion	1	2019
Korea	CxZ Chamber From Bottom RPS to Top RPS	Conversion	1	2019
Korea	Endura Chamber From HTHU Heater to STF 4F Heater	Conversion	1	2018
Korea	4 DxZ PE TEOS Chamber	Refurbish & Set-up	1	2018
USA	2 WxZ Chamber, 2 WxP Chamber	Refurbish & Set-up	1	2018
Korea	4 WxZ Chamber Dual Divert	Conversion	1	2018
Korea	DLH PE SiH4 3 Chamber	Relocation	1	2018
Korea	AMAT Centura TPCC DPN	Refurbishment/Start up	1	2017
Singapore	AMAT Endura5500 Ai Cu	Refurbishment/Start up	1	2017
USA	AMAT Centura	Refurbishment	1	2017
Korea	AMAT Producer-S 200mm	Refurbishment	1	2017
Korea	AMAT Endura5500 MOCVD	Retrofit & Start up	1	2017
Korea	AMAT Centura WCVD	Refurbishment/Start up	1	2017

# 1-3. Project Record (The Most Recent 9 Years)

## Summary list for project

Project Name	Endura	Centura	Producer	LAM / Novellus	TEL SCCM	DNS	Other	TOTAL
Refurbishment/ Start up	18	8	2	2	1	1	5	37
Retrofit / Start up	22	10	-	-	-	-	3	35
Relocation/ Start up	1	12	-	1	-	-	4	18
Refurbishment	6	2	2	-	1(Upgrade)	-	3	14
TOTAL (104)	47	32	4	3	2	1	15	104

## Summary list for country

Country	Q'TY	Rate
Korea	54	52%
China	18	17%
Singapore	18	17%
Taiwan	8	8%
Other	6	6%
TOTAL	104	100%

# 1-4. Business Detail

## Customer Satisfaction

### Equipment Refurbish

- ✓ AMAT PVD / CVD / ETCH, LAM / Novellus CVD, TEL ETCH / TRACK, DNS Scrubber, etc.
- System Refurbishment, Modification, Relocation, Upgrade & Conversion Start-up.

### 2<sup>nd</sup> / OPM NEW Overhaul Items






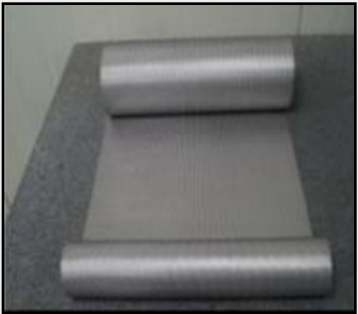
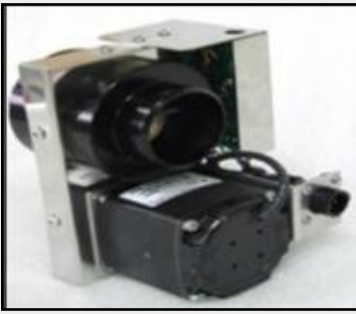

- ✓ ESC 2<sup>nd</sup> NEW (150mm / 200mm)
- ✓ AMAT Magnet OPM NEW (200mm / 300mm)
- ✓ AMAT Ceramic Heater 2<sup>nd</sup> NEW
- ✓ Novellus Heater Block 2<sup>nd</sup> NEW (150mm / 200mm)
- ✓ Shower Head OPM NEW (200mm / 300mm)

### Spare Parts

- ✓ OEM / OPM / 2<sup>nd</sup> New Parts
- ✓ OPM : LAM Electrode / Stud Socket / ESC / ALN Heater / Gasket etc.
- ✓ 2<sup>nd</sup> New : Ceramic Pin.
- ✓ Provide process kits for PVD, CVD, ETCH process chamber.
- ✓ AMAT / LAM / NOVELLUS DNS / TEL etc. system part.



## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Producer for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Parts</b>	Mono Block ASS'Y WJ 999 / 1000 / 1500	Shunt Shield Plate WJ 1500	Shunt Shield Screen WJ 1500	N2 Shield WJ 999 / 1000
				
	Vent Housing WJ 999 / 1000 / 1500	Conveyor Belt WJ 999 / 1000 / 1500	Orifice WJ 999 / 1000 / 1500	Cable
				

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts








### ➤ Mono Block for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Parts</b>	Mono Block ASS'Y WJ 999	Mono Block ASS'Y WJ 1000	Mono Block ASS'Y WJ 1500
			
	Mono Block Gas Tube WJ 999 / 1000 / 1500	Mono Block N2 Line WJ 999 / 1000 / 1500	Mono Block O3 Line WJ 999 / 1000 / 1500
			



## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Shunt Shield Plate for WJ1500

<b>WJ999 / 1000 / 1500 Parts</b>	Plate Block Injector P9Y WJ 1500	Plate Block Vent P9Y WJ 1500	Plate Side P9Y WJ 1500	Plate END Common WJ 1500
				
	Plate Back Injector RV-FF WJ 1500	Plate Back Vent RV-FF WJ 1500	Plate Side RV-FF WJ 1500	
				

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Orifice for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Parts</b>	Orifice 2.0 Single WJ 999	Orifice 2.0 Dual WJ 999	Orifice 3.0 Single WJ 999
			
	Orifice Single WJ 1000 / 1500	Orifice 1Board Dual WJ 1000 / 1500	Orifice 2Board Dual WJ 1000 / 1500
			

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Vent Housing for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Vent Housing</b>	Vent Housing WJ 999 2.0	Vent Housing WJ 999 3.0	Vent Housing 8 to 12 WJ 999
			
	Vent Housing WJ 1000	Vent Housing WJ 1500	
			


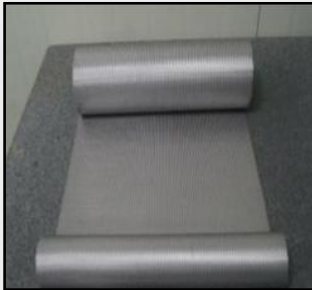
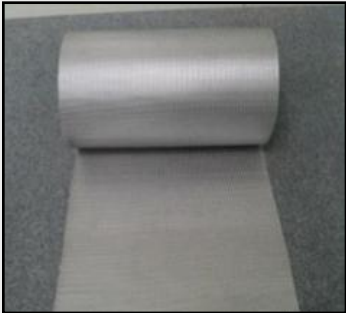

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Cable for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Cable</b>	<b>Manipulator Cable (No Chain) WJ 999</b>	<b>Manipulator Cable (Chain) WJ 999</b>	<b>Manipulator Cable WJ 1000 / 1500</b>
			
	<b>Return Shuttle Cable WJ 999 / 1000 / 1500</b>	<b>Unload Cable WJ 999 / 1000 / 1500</b>	
			

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Inconel Conveyor Belt for WJ999 / 1000 / 1500

<b>WJ999 / 1000 / 1500 Cable</b>	<b>Inconel Conveyor Belt</b> (W389 * 2T) WJ 999	<b>Inconel Conveyor Belt</b> (W400 * 2T) WJ 999
		
	<b>Inconel Conveyor Belt</b> (W311 * 2.4T) WJ1000 / 1500	<b>Inconel Conveyor Belt</b> (W309 * 2.4T) WJ1000 / 1500
		









## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

➤ Other Producer for WJ999 / 1000 / 1500 ( I )

<b>WJ999 / 1000 / 1500 Parts</b>	HF Cabinet Solenoid Valve	Metal C-Ring	Orifice Spring WJ 999 / 1000 / 1500	Manipulator Wand
				
	Mono Block Gas Line WJ 999 / 1000 / 1500	T.C WJ 999 / 1000 / 1500	Injector Spider WJ 999 / 1000 / 1500	HF Bottle Small / Big
				

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Other Producer for WJ999 / 1000 / 1500 ( II )

<b>WJ999 / 1000 / 1500 Parts</b>	IR Heater	IR Dry Heater	Stepper Motor WJ 999 / 1000 / 1500	Orifice Bellows WJ 999 / 1000 / 1500
				
	4Way Valve WJ 999 / 1000 / 1500	Ultra Fitting WJ 1500	Unload Motor 2.2W	Load Unload Interface Board
				

## 2. WJ999 / 1000 / 1500 EQUIP 2<sup>nd</sup> NEW Parts

### ➤ Other Producer for WJ999 / 1000 / 1500 (III)

<b>WJ999 / 1000 / 1500 Parts</b>	Return Shuttle Blower Fan	Vent Housing Other Sponge
		
	Teflon Seal	Vespel Guidu
		



# RenoNix Major Customer

ON Semiconductor®



**Dongbu HiTek**  
Agricultural Business

SILTERRA

UMC-SG

SSMC



em microelectronic

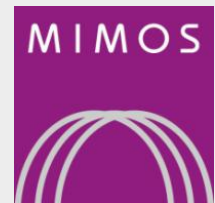


TSI  
SEMICONDUCTORS



 **长电科技**  
JCET CHANGJIANG ELEC. TECH.

HEJIAN



# Contact Point

**We're Capable of Most of service for PVD,CVD, ETCH areas.  
If you have any inquiry or interest , please feel free to contact us.**



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