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**宏碩系統股份有限公司**

**Wave Power Technology Inc.**

**Investor Conference, Dec. 2025**

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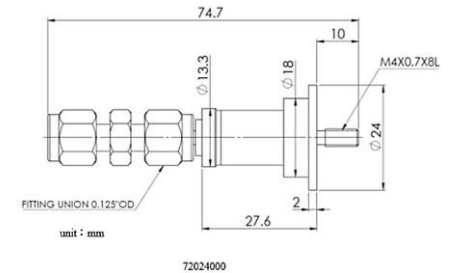
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# Company Profile



# Basic information

Company name	Wave Power Technology Inc.
Capital size	NTD 341,000,000
Chairman/CEO	Dr. Lih, Wei-Cheng
General manager	Dr. Chen, Han-Ying
Foundation	Dec. 2002
Head count	139 ( as of Oct. 2025 )
Major business scope	Components of semiconductor process equipment
Company address	No.31, Lane 598, Zhongzheng Rd., Toufen City, Miaoli County 351, Taiwan, R.O.C.
CPA	PwC



# Core Technologies and Product Applications



# 4H 核心技術

高頻率  
High Frequency

高功率  
High Power

高電壓  
High Voltage

高真空  
High Vacuum

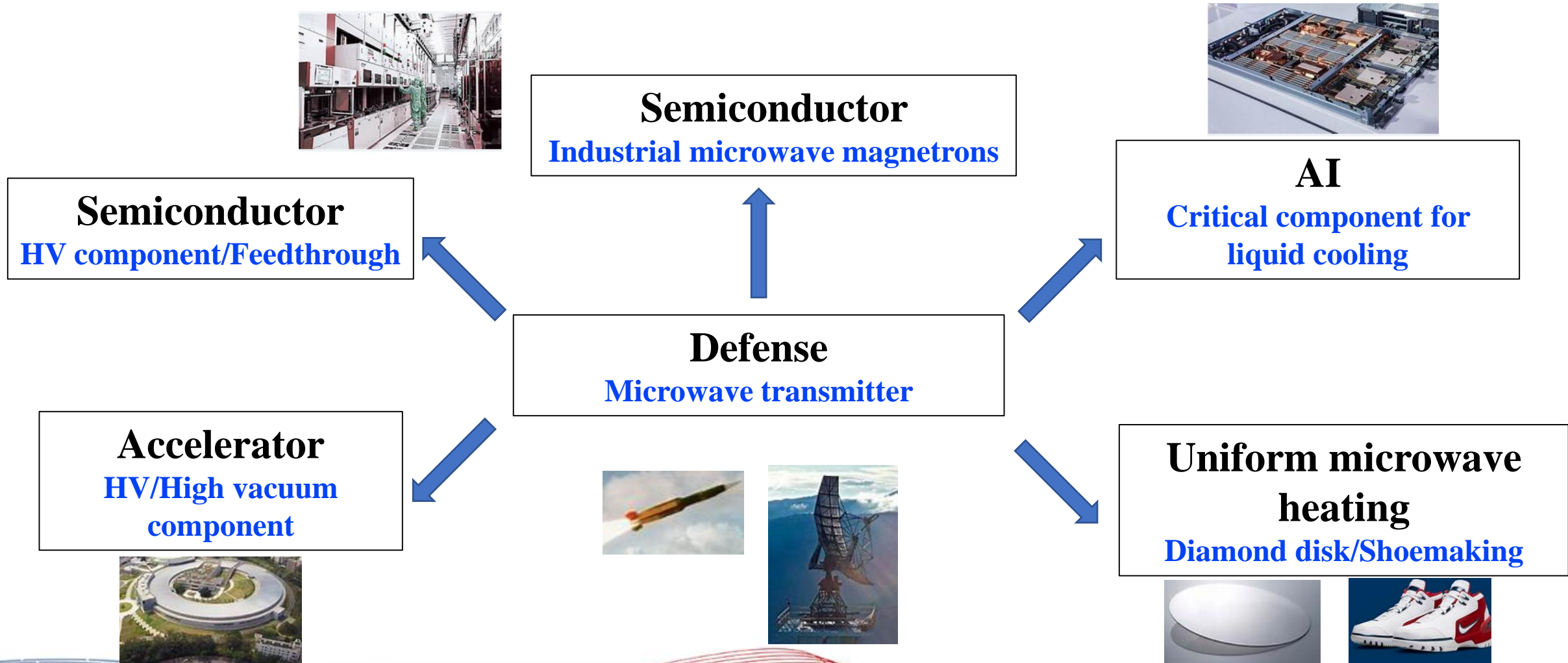


4H微波管設計及製造  
4H Core Technologies

異材質 真空氣密焊接  
Hermetic sealing between heterogeneous materials

電/磁場 電腦模擬計算  
Computer Simulation

## Industrial Coverage of our Products



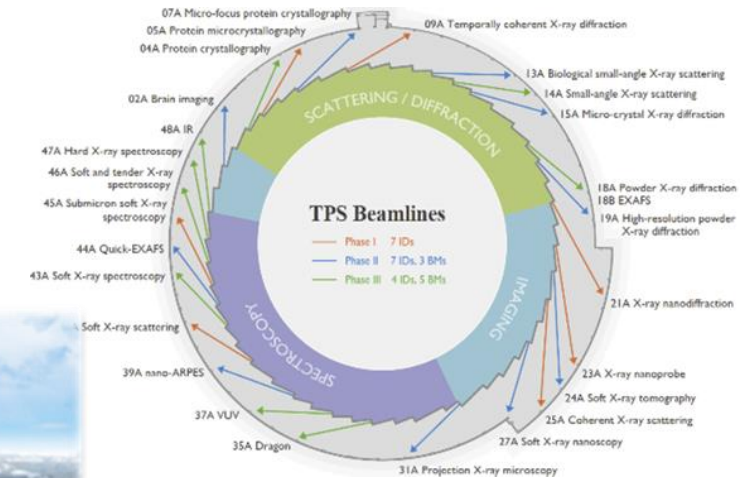


# Application of our products used in the storage ring of the accelerator



Products made by H2-brazing or vacuum-brazing

TAIWAN  
PHOTON  
SOURCE

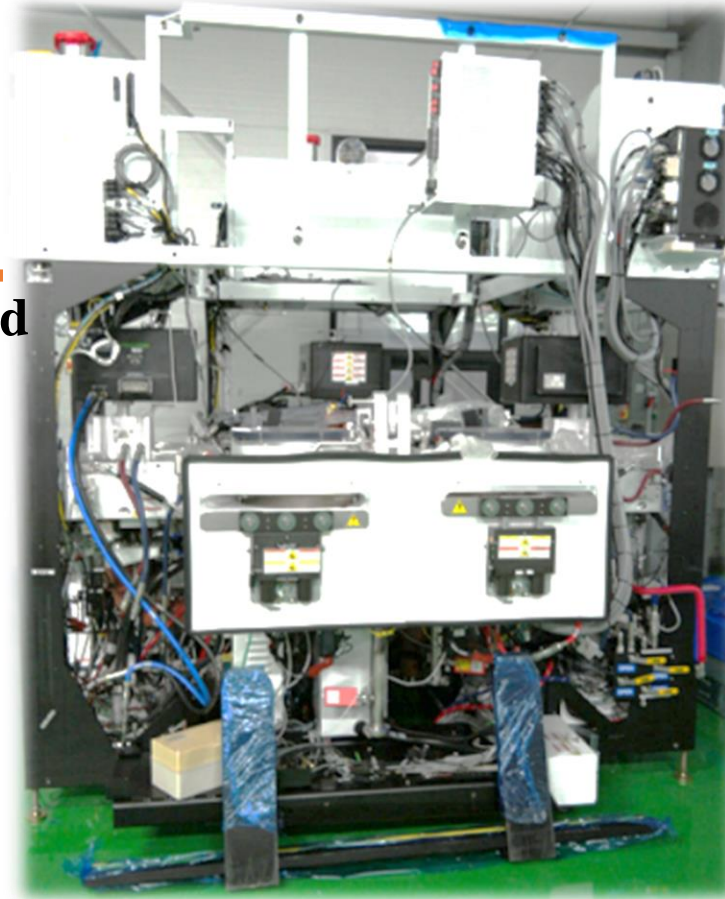




## Applications of our products used in the semiconductor industry

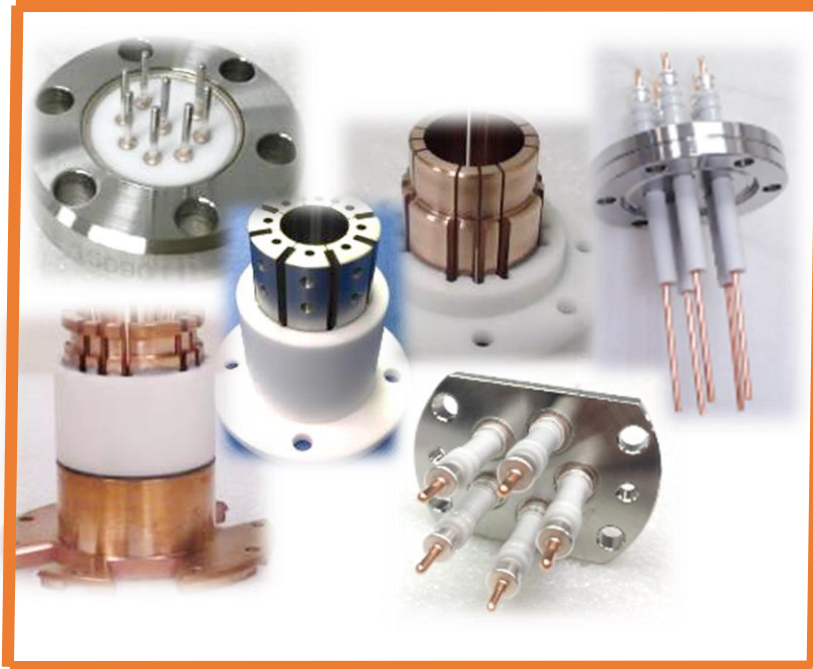


Magnetron used  
in UV-curing



UV-Curing tool

## Applications of our products used in the semiconductor industry



**HV/High vacuum components used  
in E-Scan inspection tool**

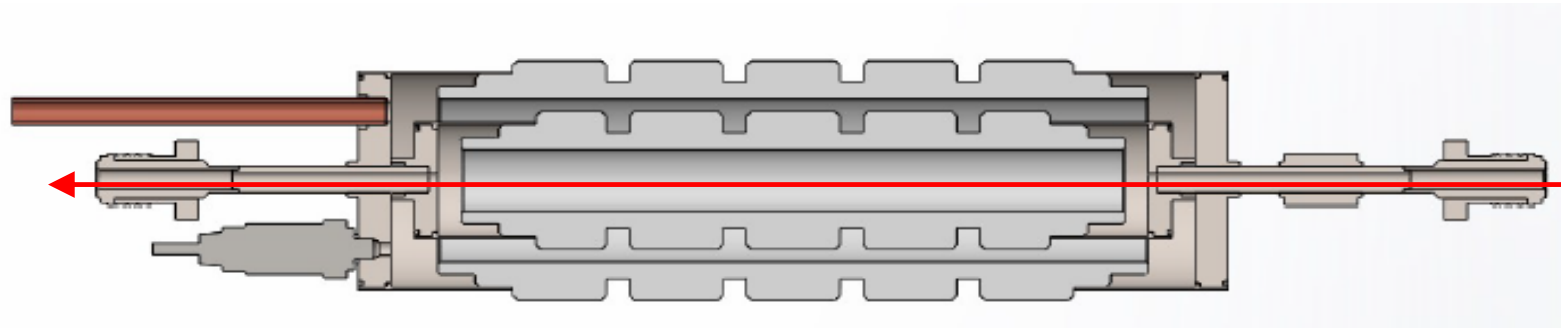


**E-Scan inspection tool**



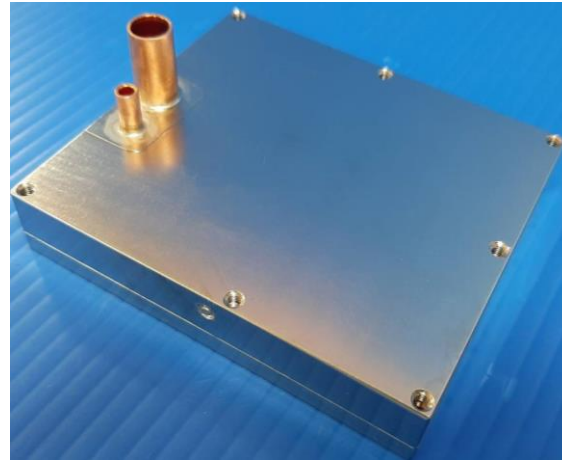
## Applications of our products used in the semiconductor industry

**HV insulation section to be used in the modified ion implanter  
(brazing between Al<sub>2</sub>O<sub>3</sub>-Kovar)**

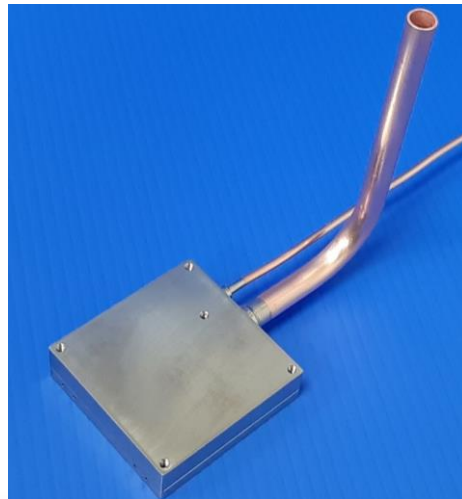


**Inlet of process gas**

## Application of our products used in the AI industry



**Evaporator  
(brazing between Cu-Cu)**

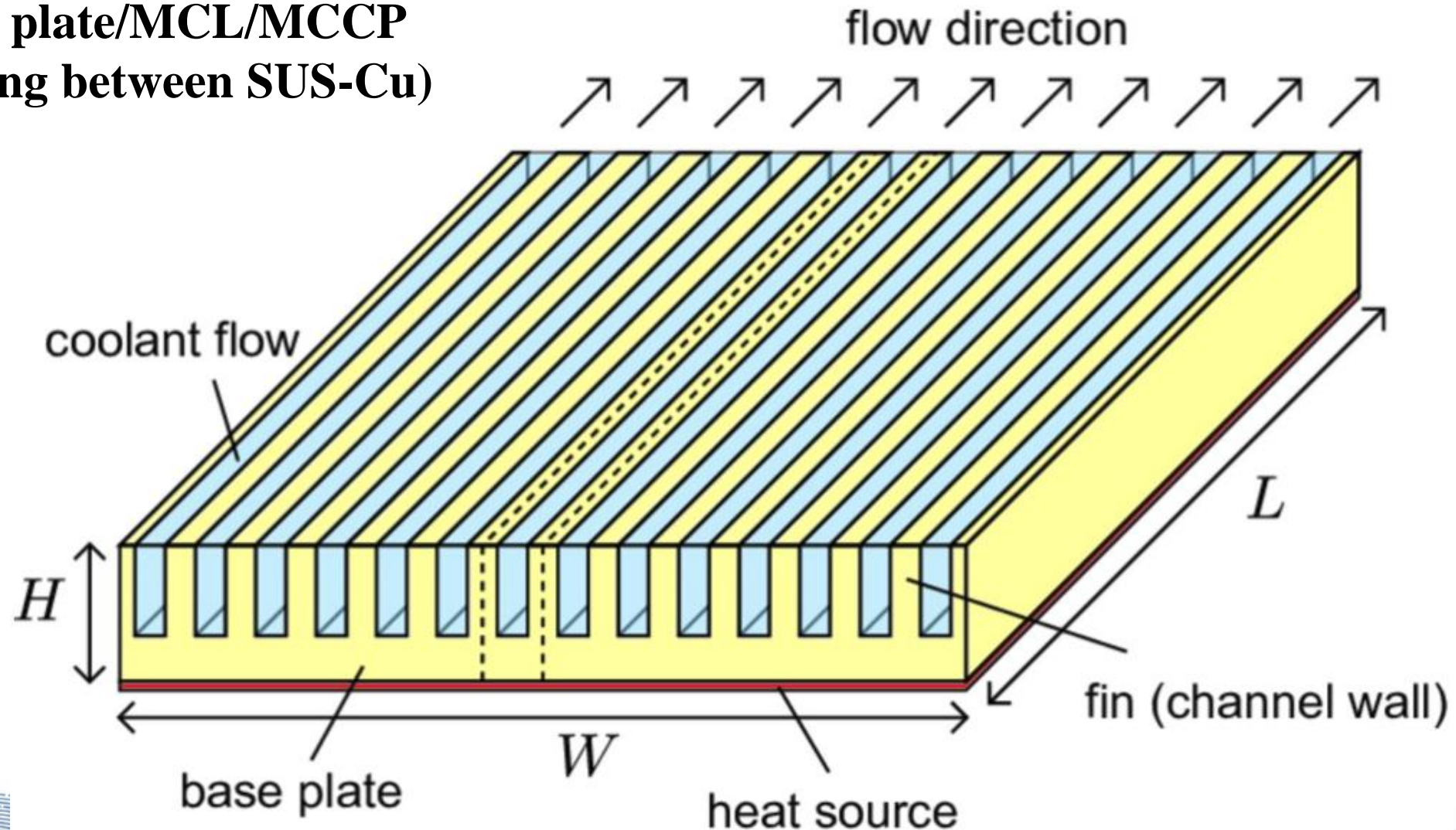


**Application :  
Logic Tester**



## Application of our products used in the AI industry

Cold plate/MCL/MCCP  
(brazing between SUS-Cu)



## Application of our products used in the AI industry

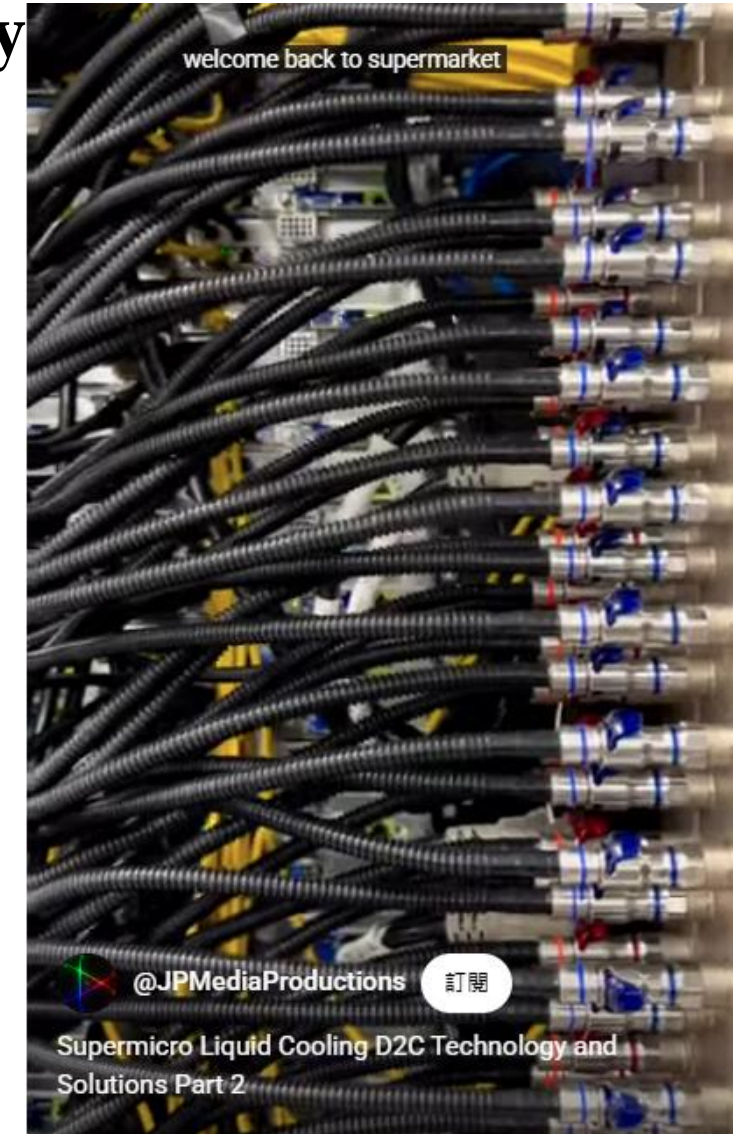
**Bellows tube/CDM**  
(brazing between SUS-SUS)





# Application of our products used in the AI industry

## Bellows tube (brazing between SUS-SUS)



# | Application of our products used in the AI industry

## CDM (brazing between SUS-SUS)



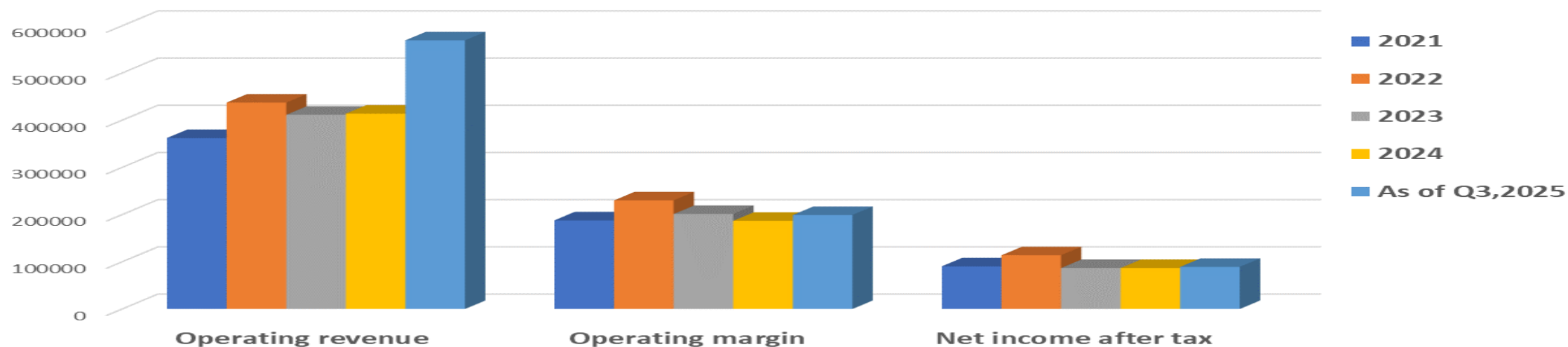


# Financial Information

## Financial performance

Year Items	2021	2022	2023	2024	As of Q3,2025
Operating revenue	362,191	437,189	411,448	413,766	569,105
Operating margin	187,787	230,025	201,304	186,759	199,040
Operating margin rate	52%	53%	49%	45%	35%
Net income after tax	90,380	113,762	86,771	86,809	89,124
EPS(NT)	2.92	3.67	2.69	2.55	2.61

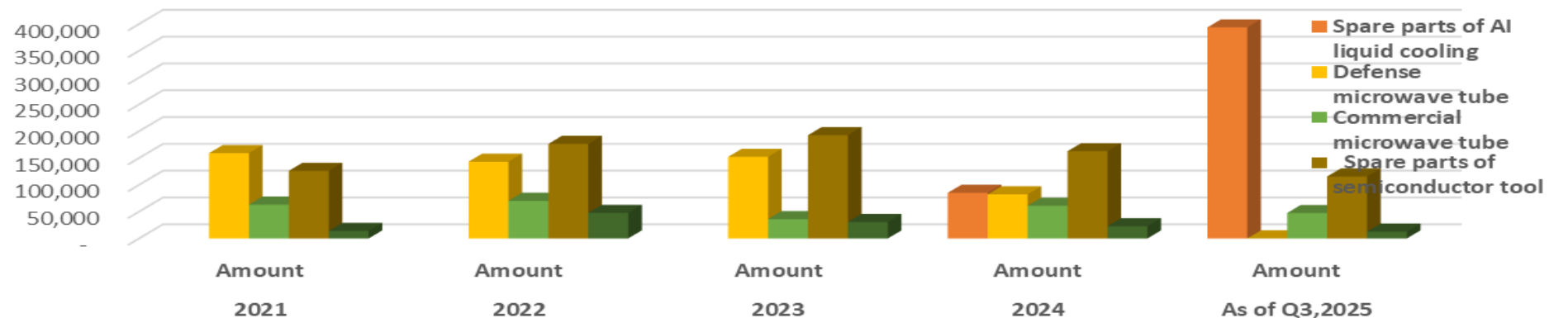
Financial performance





# Operating Revenue ( By products )

Items \ Year	2021		2022		2023		2024		As of Q3, 2025	
	Amount	%	Amount	%	Amount	%	Amount	%	Amount	%
Spare parts of AI liquid cooling							85,131	20.57%	393,550	69.15%
Defense microwave tube	159,110	43.93%	143,104	32.73%	152,270	37.01%	82,305	19.89%	–	0.00%
Commercial microwave tube	63,036	17.40%	70,092	16.03%	35,957	8.74%	60,900	14.72%	47,392	8.33%
Sub-total microwave tube	222,146	61.33%	213,196	48.77%	188,227	45.75%	143,205	34.61%	47,392	8.33%
Spare parts of semiconductor tool	126,044	34.80%	176,420	40.35%	192,568	46.80%	162,673	39.32%	115,423	20.28%
Others	14,001	3.87%	47,573	10.88%	30,653	7.45%	22,757	5.50%	12,743	2.24%
Total(NT K)	362,191	100.00%	437,189	100.00%	411,448	100.00%	413,766	100.00%	569,108	100.00%



# **Important RD Projects with Uniform Microwave Heating Currently Ongoing at Wave Power**



**Microwave system = Microwave generator + Microwave process chamber**

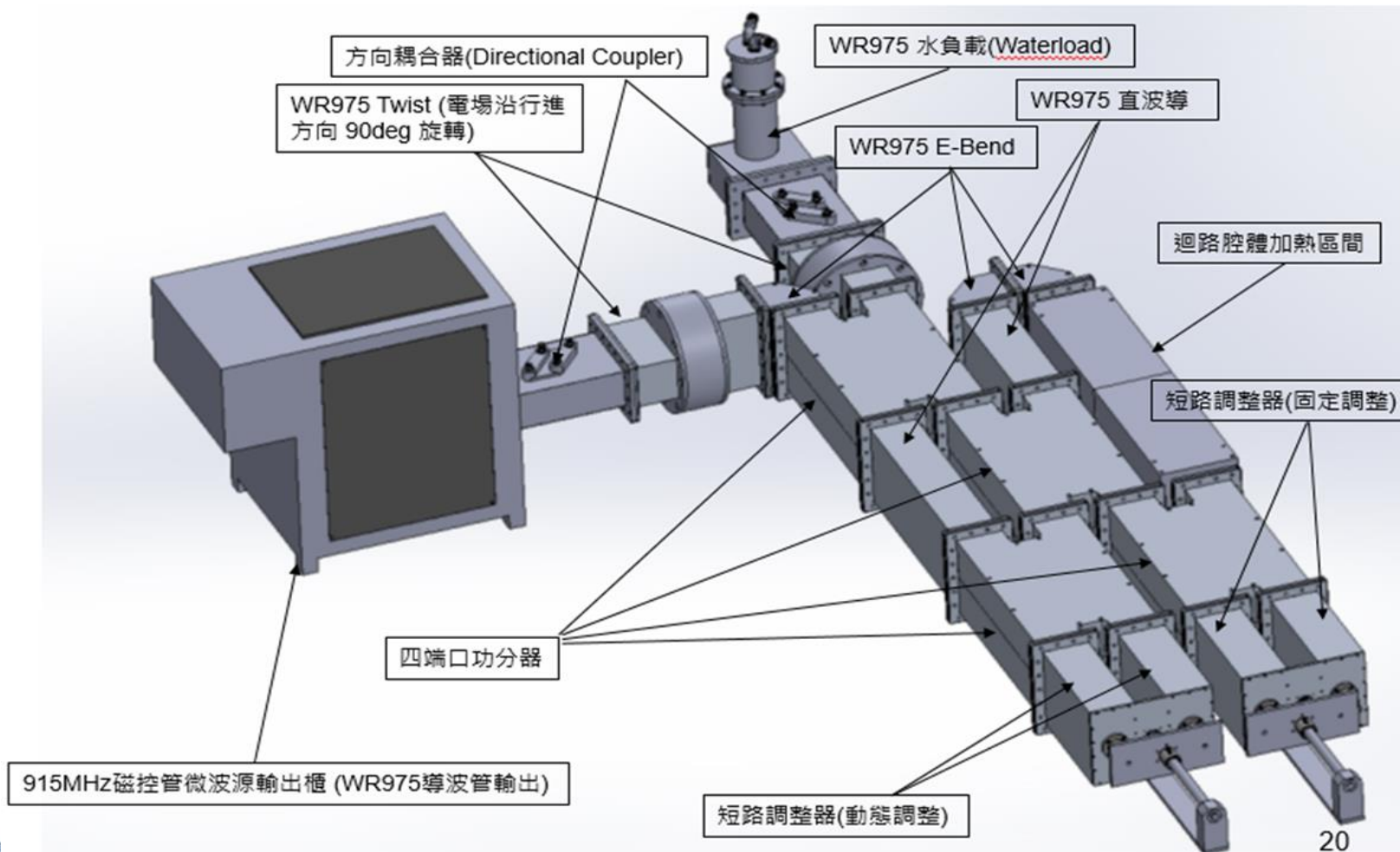


**915 MHz or 2.45 GHz**

**Might need different chamber designs for different objects to be heated by microwave. Major difficulties with chamber design are**

- large-area microwave uniformity**
- compatibility with metal**

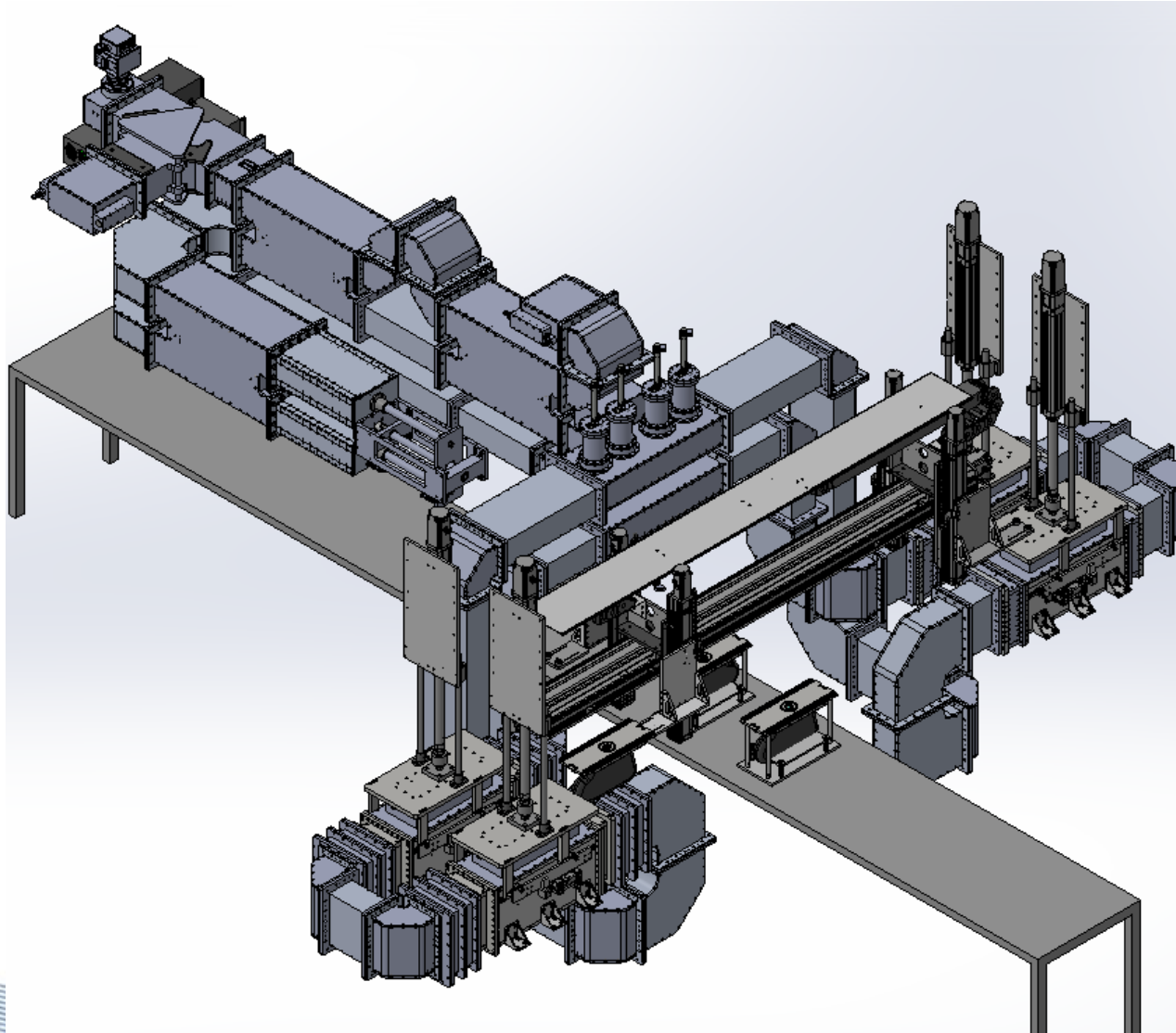
## Shoemaking - prototype with 915MHz



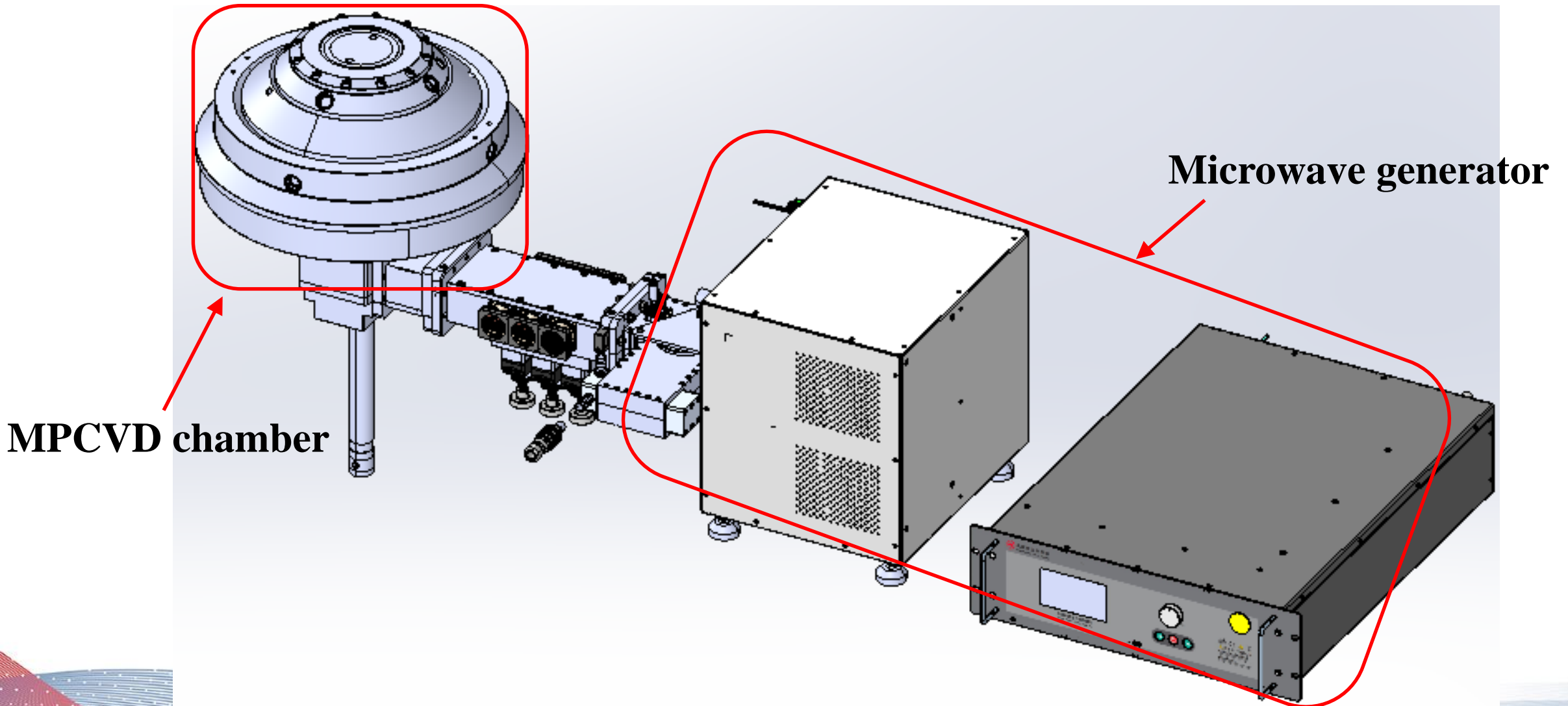
Status of multi-nation patent application :  
Some are approved. Some are still pending under review.



## Shoemaking - production type with 915MHz

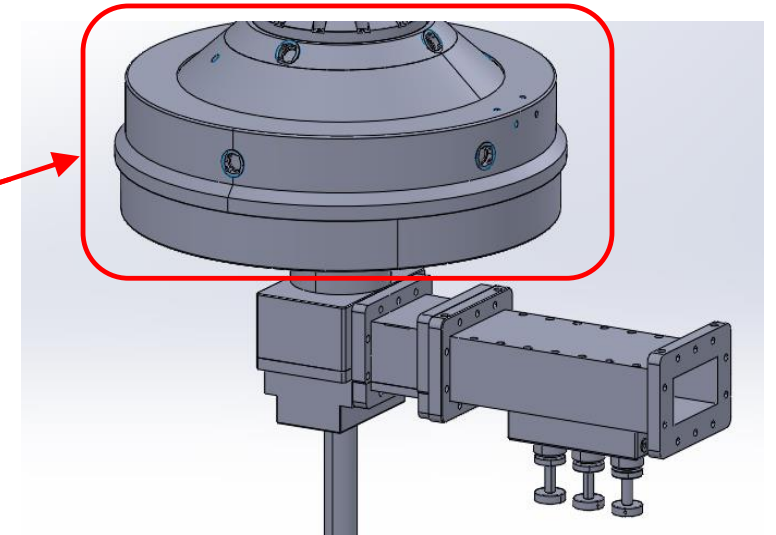
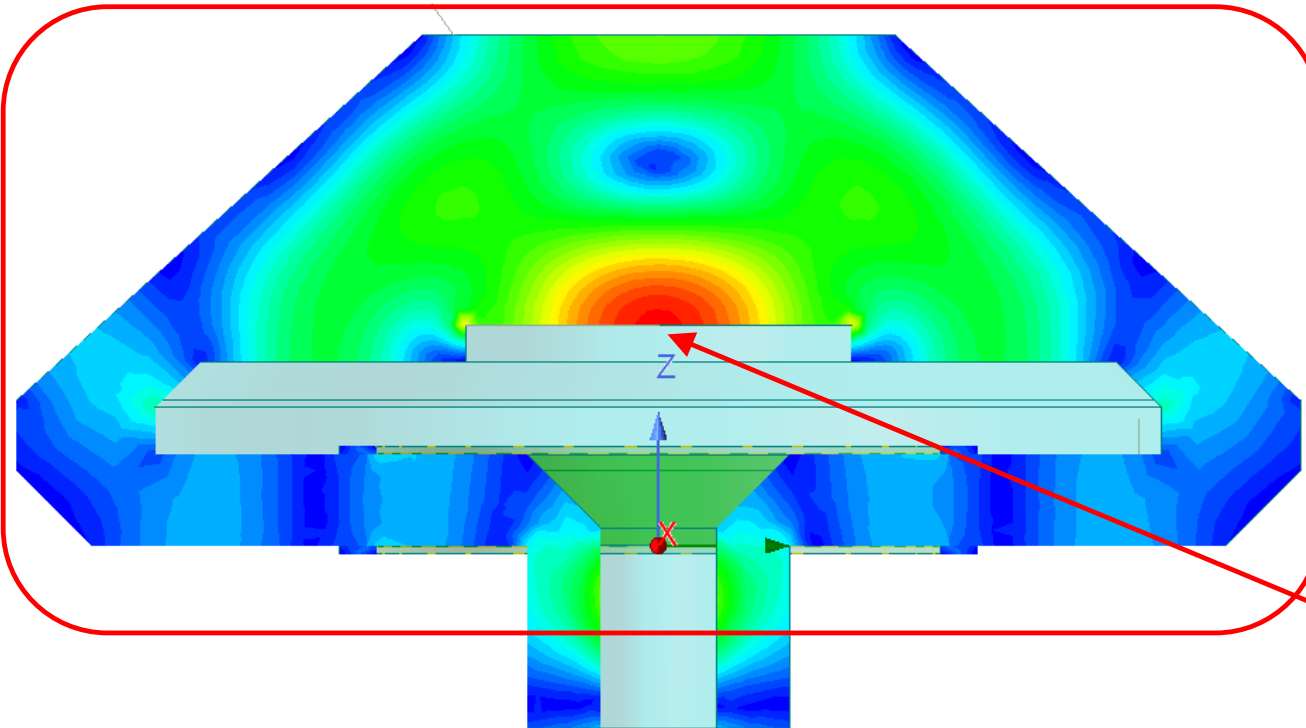
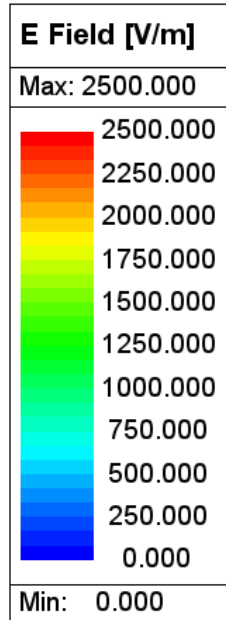


## Microwave system for artificially cultivated diamond : 2.45GHz



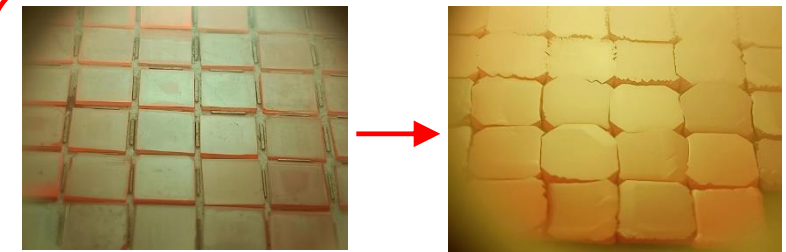


# Uniform Microwave Distribution over a Large Area on the Mo plate



Wave Power's MPCVD chamber design of 2.45 GHz : growing 110pc diamond pellets per run (more is possible with further optimization of chamber geometry)

Typical MPCVD chamber design : 30-48pc at most per run with non-uniform pellets



110pc pellets per run (7mmX7mm)

# THANK YOU

**Presented by Wave Power Technology Inc.**