



YOU'RE THE MOST PROFESSIONAL PARTNER IN RF COMPONENTS AND SYSTEMS

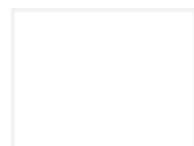
MISOTECH is a rising star in the defense market.

Since 2013, We never stop improving our service & product quality for our Customer who trust us.

Thanks to that, We developed and launched many of MMIC devices & MEMS devices which brings Innovative module size squeeze & higher reliability.

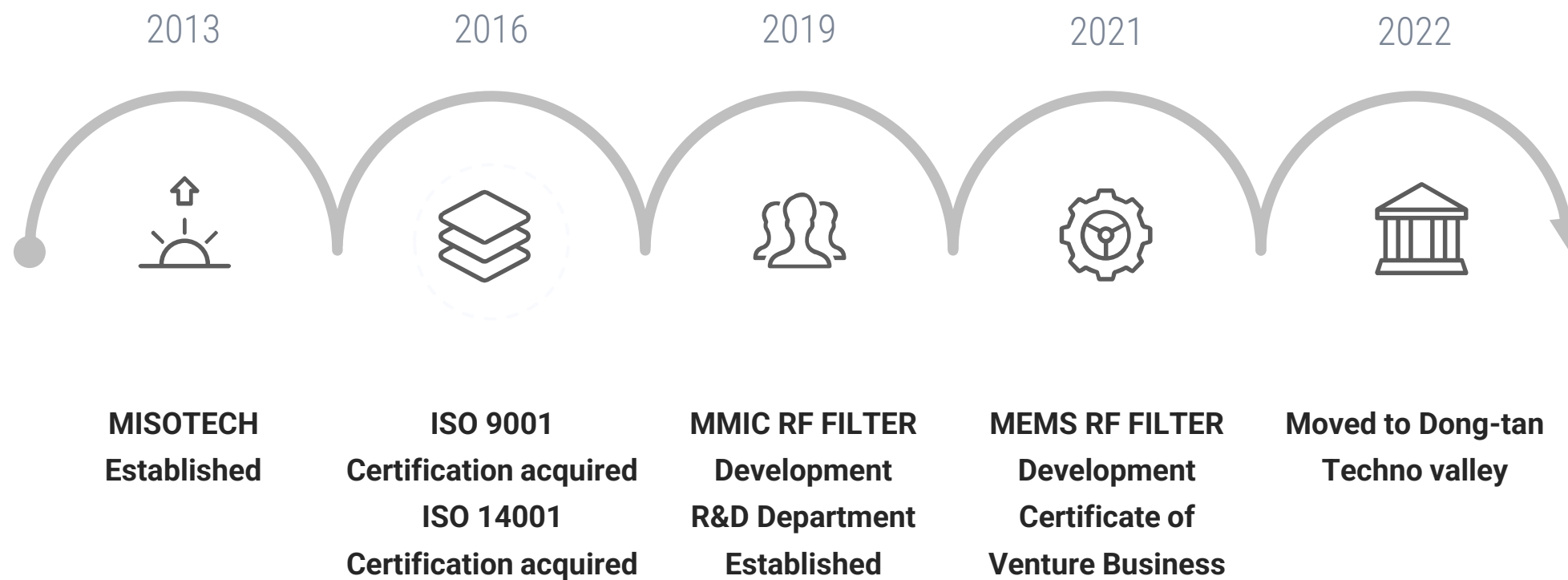
We overcame many of big challenges and felt happiness with our Customer in the range of EW elint , commint & jammer, drone jammer, Radar system, RWR, and military radio system.

Our People are dedicated to solving complex challenges that Need creative & innovative thinking. PLS come and join us to enjoy This field together.

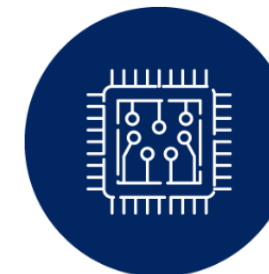


www.rfmiso.com

History



What we do



Systems Engineering & Design

- Requirements Definition & Specification Development
- Analysis, Modeling & Simulation(Component & System Level)
- Hardware & Software Design, Development, Integration & Test



Product Development & Manufacturing

- RF, Microwave and Military
- Passive components, MMIC and MEMS



Consortium & Support service

- Front End / Matrix / Filter bank / Phase Array Antenna
- Defense & Warfare Solutions



Engineering Capabilities

- Methodical System Engineering Approach to Design
- Broad Base of RF Microwave and Military System Experience
- In-House Ability to Design, Document, Analysis and RF Test

Certifications



ISO 9001 : 2015

Certification Scope

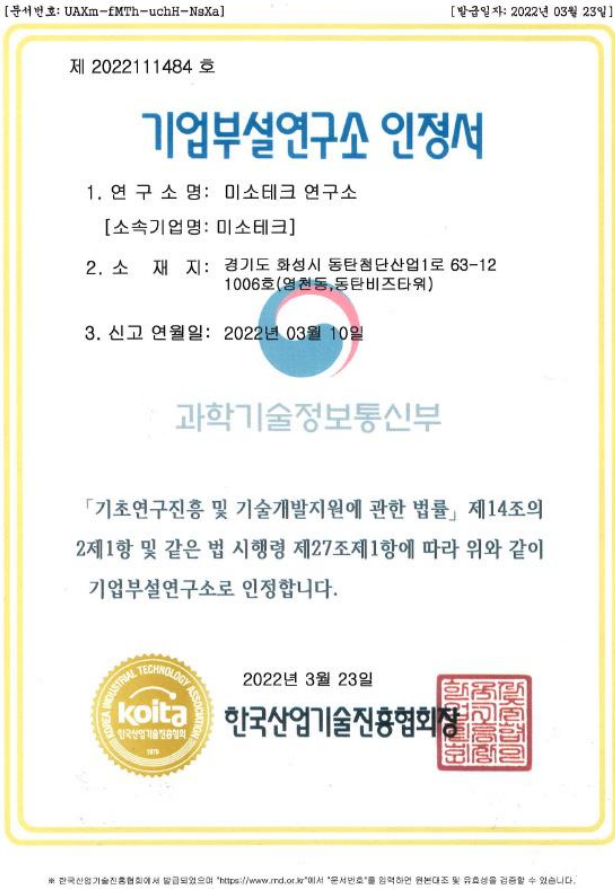
RF Passive and Active Components,
MMIC(Millimeterwave Monolithic
Integrated Circuit), Mechanical parts



ISO 14001 : 2015

Certification Scope

RF Passive and Active Components,
MMIC(Millimeterwave Monolithic
Integrated Circuit), Mechanical parts

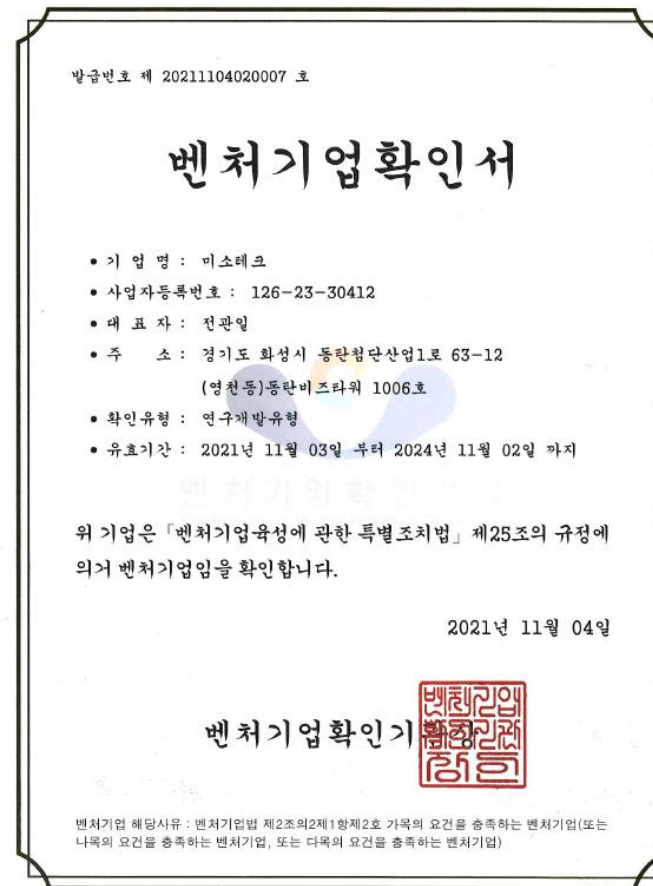


Research Institute



Certificate of Patent

Certifications



Certificate of
Venture Business

제 대외 2021-655호

KOSME 중소기업진흥공단

표창장

미소테크

대표 전관일

귀하는 건전한 기업가 정신으로
모범적인 기업경영을 통해 지역경제
활성화 및 상공회의소 발전에 기여한
공이 크므로 이에 표창합니다.

2021년 5월 11일



중소벤처기업진흥공단

이사장 김학도



Award from Small and Medium
Venture Business Corporation

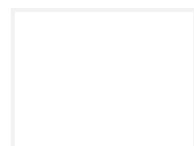
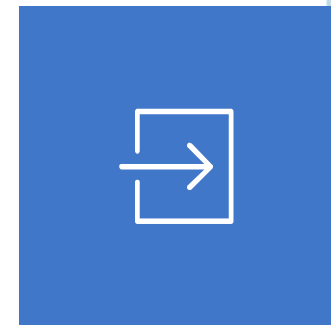


Award from ELTA SYSTEMS

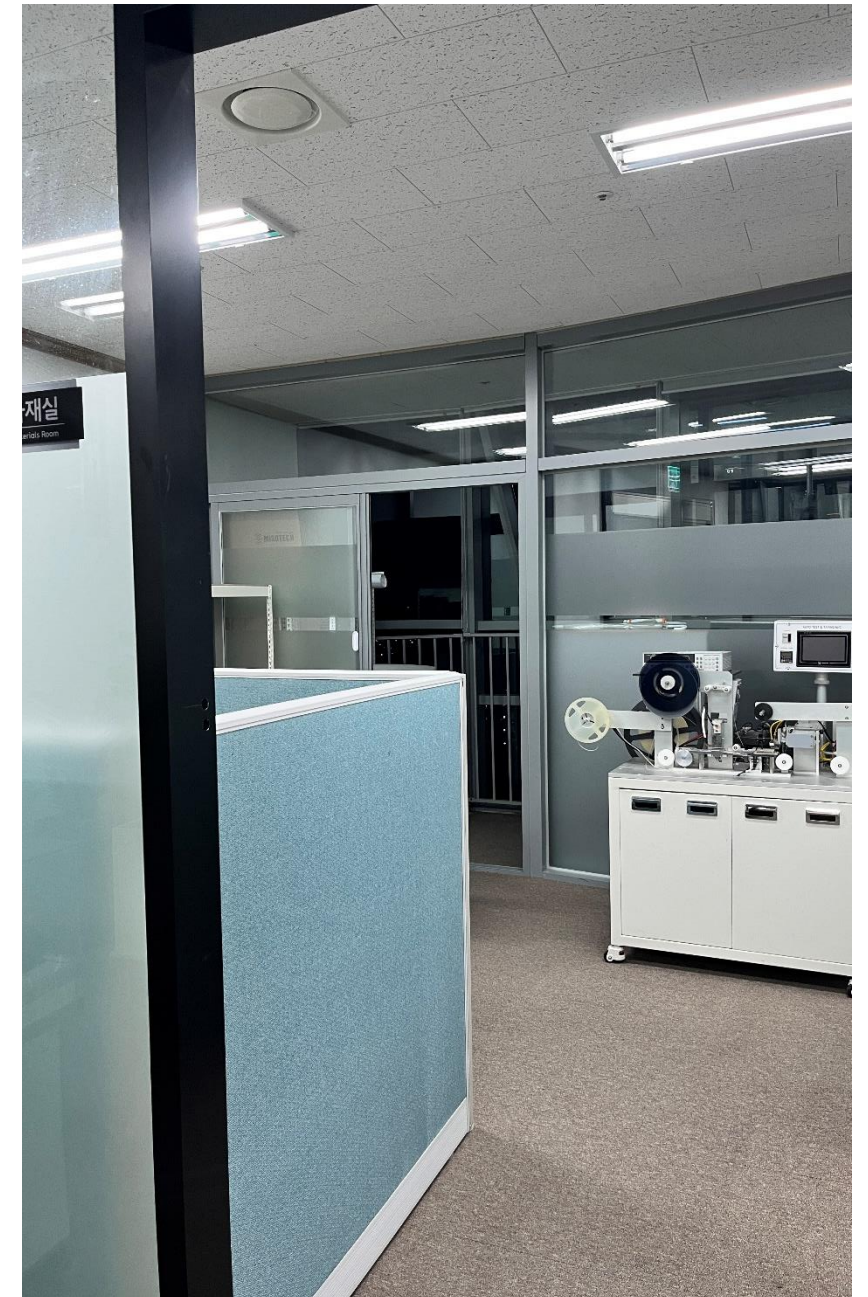
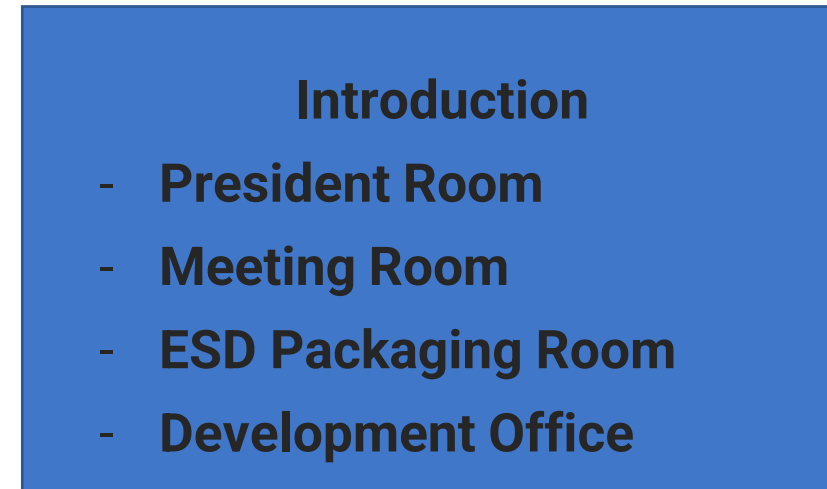
NEW OFFICE

**Address : Room 1705, Geumgang Penterium
IT Tower, 557, Dongtan Giheung-ro,
Hwaseong-si, Gyeonggi-do, Korea 18469**

Area: 173.54m2



New office



Research laboratory

Address : Room 1704, Geumgang Penterium IT Tower, 557, Dongtan Giheung-ro,
Hwaseong-si, Gyeonggi-do, Korea 18469.

Area : 180.56m2

Clean Booth-1000class



- Wire bonder.
- Tilting microscope
- Probe station on Anti swing for On-wafer Test
- Dry desicator for storage of MMIC and MEMS components





Testing Room

- Universal Radio Communication Tester
- Broadcast Test System (GSM/UMTS OPTION)
- Spectrum Analyzer (up to 26.5GHz)
- Signal Generator (up to 40GHz)
- Power Meter (up to 26.5GHz)
- DC Power Supply (30A 60v)
- SMT reflow (3 zone)
- LCR Meter
- Constant Temperature and Humidity Chamber(-55deg to 125deg.)
- 200W termination with testing cables



Assembly line-1 and 2



For development and manufacture

- Front End Unit / Switch Matrix / Filter Bank
- Design Technology for mmWave Broadband Receiver
- Manufacture Technology for mmwave Broadband Receiver
- Channel-to-channel Gain-matched Technology for mmWave band
- Channel-to-channel Phase-matched Technology for mmWave band
- Isolation Technology between CHs
- Low Noise Figure Technology
- GSDU / LBSM
- Jamming components
- Passive components

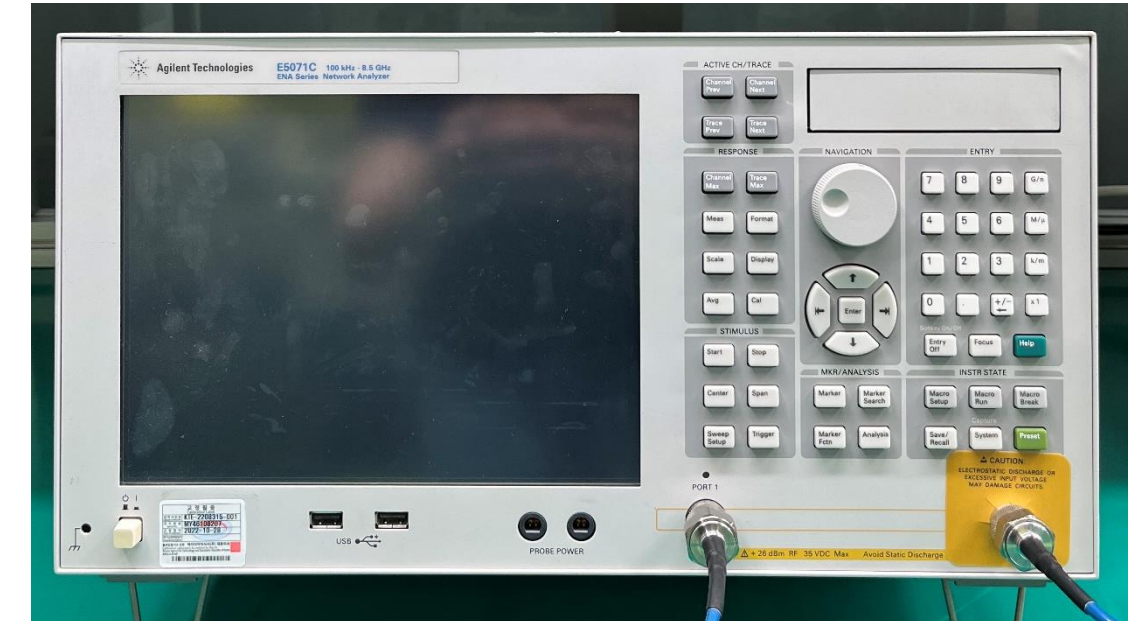
Test equipment



Network Analyzer
Anritsu : 37397D
Measured Up to 65GHz
1 unit



Network Analyzer
Agilent Technologies : E8364A
Measured Up to 50GHz
1 unit

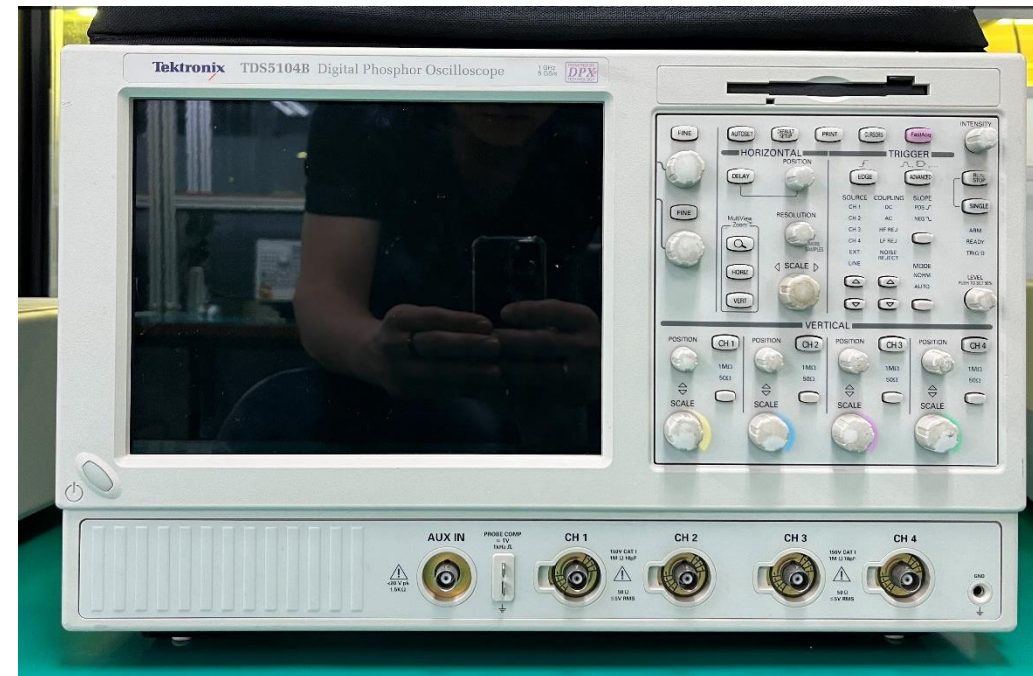


Network Analyzer
Agilent Technologies : E5071C-245
Measured Up to 8.5GHz
1 unit

Test equipment



Logic Analyzer
Agilent Technologies : 1681AD
Chanel : 102
Time : 800MHz / 200MHz
Voltage : -5V to 5V
1 unit



Digital oscilloscope
TEKTRONIX: TDS5104B
4probe
Frequency : 1GHz
1 unit



Network Analyzer
Agilent Technologies : E5071C
Measured Up to 8.5GHz
1 unit

Test equipment



Spectrum Analyzer
Agilent Technologies : E4440A
Measured Up to 26.5GHz
2 unit



Synthesized Sweeper
Anritsu: MG3694A
Frequency Range : 10MHz to 40GHz
Frequency Resolution : 1Hz
Output power : -11dBm to +10dBm
1 unit



Signal generator
Agilent Technologies : E4483C
Frequency Range : 250KHz to 6GHz
2 unit

Test equipment



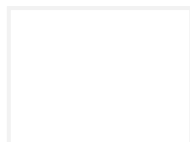
EPM Power Meter
Agilent Technologies : E4418B
Measured Up to 26.5GHz
1 unit



Power Meter
Rohde&Schwarz : NRVD
Measured Up to 20GHz
1 unit



THERMAL VIDEO SYSTEM
Nec Corporation: TVS-200EX
Temperature Range : -20 to 2000deg
1 unit



Test equipment



Universal Radio
Communication Tester
Rohde&Schwarz : CUM 200
Measured Up to 3GHz
1 unit



Broadcast Test System
Rohde&Schwarz : SFU
Measured Up to 3GHz
1 unit



MULTI PORT
Anritsu
Measured Up to 20GHz
4Chanel
1 unit

Test equipment



DC Power supply
Rohde&Schwarz : NGSM
15A , 30V
1 unit

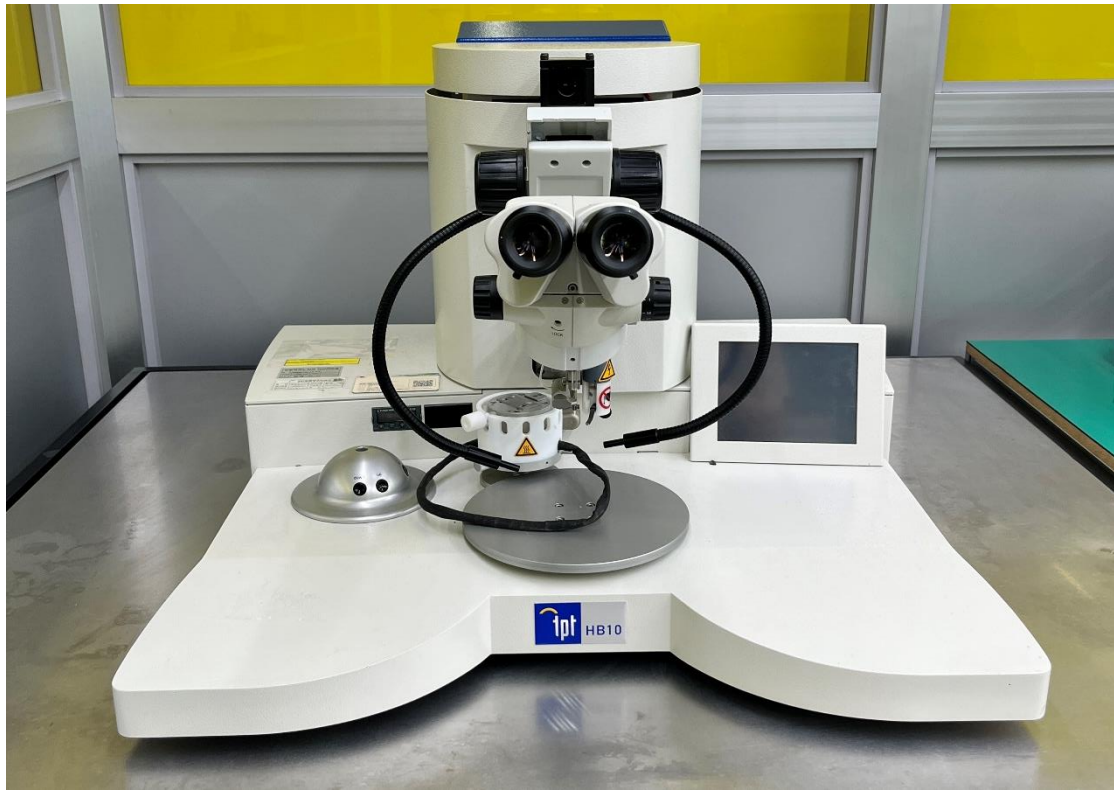


DC Power supply
Agilent Technologies : 66319B
Dual channel
5A , 30V
1 unit

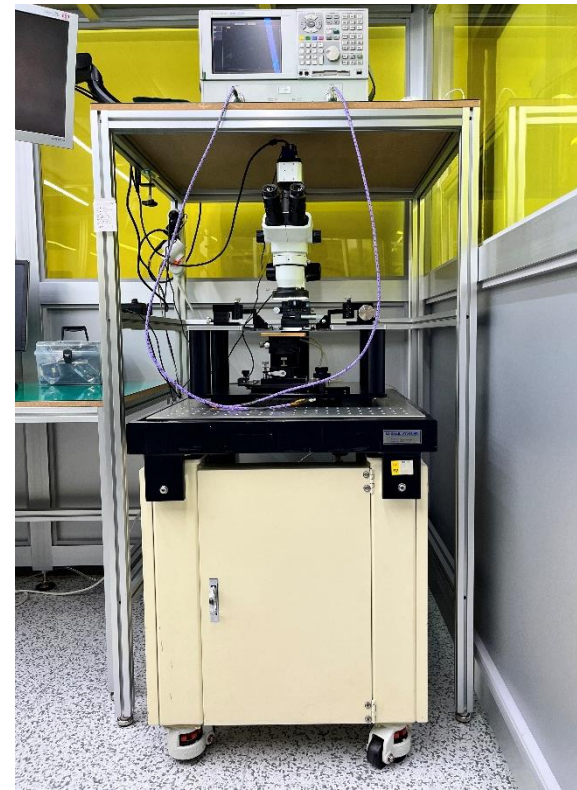


Micro scope
X 40
2 unit

Test equipment



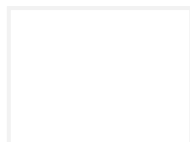
Wire Bonder On Anti swing table
TPT,HB10
1 unit



Probe station on Anti swing table
Modu system
4probe
1 unit



Tilting microscope
LYNX
X 40
Tilting angle : 40deg
1 unit



Test equipment



Micro scope
Sumtech vision
X 2400
1 unit



SMT reflow
LPKF
(3 zone)
1 unit



Dry desicator
3 unit

Test equipment



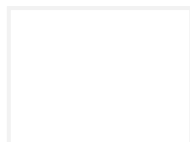
Constant Temp. &
Humidity Chamber
Woojin Tech
Temperature range : -50 ~ +125deg
Humidity : 30~95%
2 unit



Thermal Shock Test Chamber
Woojin Tech
Temperature range : -75 ~ +190deg
2-Zone Elevator Type
1 unit



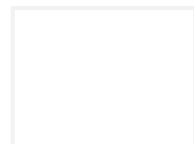
Altitude Test Chamber
Weiss Technik , USA
Temperature range : -70 ~ +180deg
Altitude : 100,000ft
1 unit



Q.A

For Quality Inspection

- Microscope (x2400)
- Calibration Kit (up to 60GHz)
- Vernier calipers



Environmental testing room

#904, Dongtan Biztower, Dongtancheomdansaeop 1 Ro, 63-12
Hwasung-City, Gyeonggi-Do, Korea 18469

Area : 150.30m2



- 
- Constant Temperature and Humidity Chamber (-55deg to 125deg.)
 - Thermal Shock Chamber(-55deg to 125deg.)
 - Altitude Chamber(-55deg to 150deg and up to 100kf)
 - Salt spray and IPXX.
 - MIL-STD-810G Applied



Ware House

B212, Dongtangiheung-ro, Hwaseong-si, Gyeonggi-do, Republic of Korea
Area : 29.75m²



Thank you

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