



Value Engineering



2021 회사 소개서

Agenda

01

회사개요

- 핵심역량
- 회사연혁
- 사업영역
- 주요소재

02

제품정보

- 반도체
- 고용점금속 밴딩기술
- MOCVD
- Ingot Grower

회사개요

Section

01



핵심 역량

-고유점 특수 금속 가공 기술

(Machining, Lathing, Milling, Grinding,
Wire Cutting, Electric Discharging, Bending등)

-20년 축적된 업계 최고 수준의 관련제품 설계 및 제조, 고객 Service 능력

-산학연계 연구개발 체제 구축, 지속적 혁신을 통한 신제품 및 신기술 개발

-특수 코팅(APS, Caburizing) 고온 열처리 기술

CEO

- Kyu-Tae Hwang

Established

- April 1st 1999

Office Location

- Head Office : ICheon City, Korea
- Fab 2 : Wuxi, China

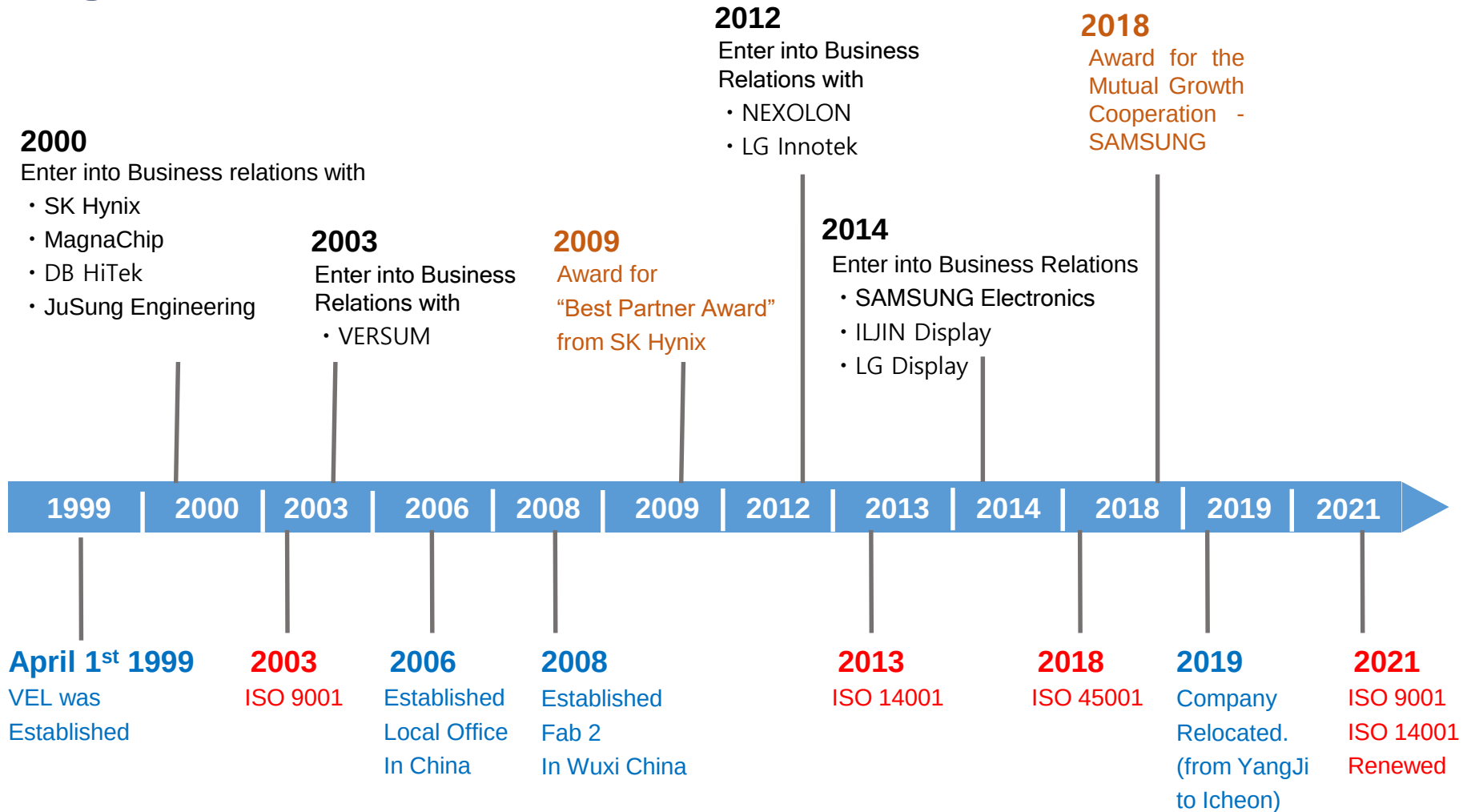
Employees

- Korea : 101
- China : 30

Sales

- 2020 - KOR : 17.3 billion won (\$15.7 million), CHN : 2.8 billion won (\$2.5 million)
- 2021(E) - KOR : 20 billion won (\$17.8 million), CHN : 4 billion won (\$3.6 million)

19 years Milestone





고융점 금속 소재

- Tungsten, Rhenium, Molybdenum, TZM, Tantalum, Titanium, Lanthanum
- 고융점 금속(텅스텐) 특징 - 철의 융점(1535 °C) 대비 높은 융점(3400 °C), 고경도(7.5~9), 고밀도(19.3), 취성이 높음

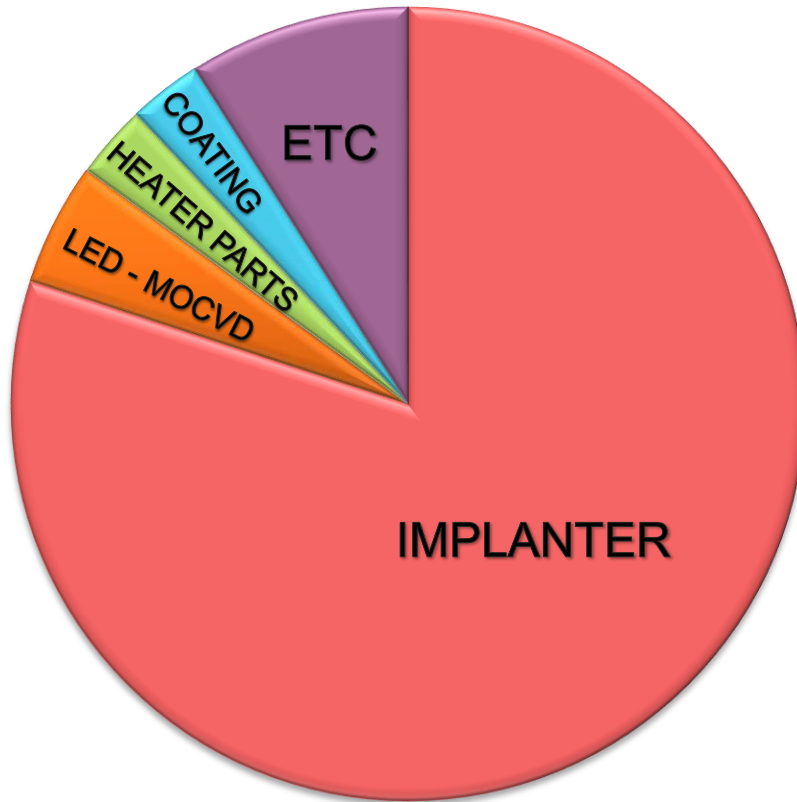
일반 금속 & 합금 소재

- Al, Invar, Duralloy, Covar, Hastelloy, Tough Pitch Copper, OFHC, Cu-alloy, Ni-Alloy

비금속 소재

- Vespel, Acetal, Peek, Teflon, Torlon, Boron Nitride, Polycarbonate, Al₂O₃

VEL SERVICE MARKETS



80% Ion Implanter Parts
Ion Source, Electrodes, Plasma Gun, Insulator...

5% LED – MOCVD Heater Parts
Veeco, Aixtron

3% Ingot grower Hot-zone Parts
Sapphire Ingot grower – Heater ass'y, Heat shield, Hot-zone parts
Solar Ingot Grower – Seed cable, Moly-arm, Seed holder

3% Coating
APS Coating – Imp Parts, LCD, OLED ESC, LED Heater Filament

9% Etc
PVD, CVD, Gas Cabinet Parts, Scrubber Parts

The background is a grayscale, high-contrast image of a printed circuit board (PCB). Two soldering irons are positioned vertically on the board, one on the left and one on the right. The image is slightly blurred, giving it a technical and industrial feel.

제품정보

Section

02

반도체 / IMP



VIISta HC



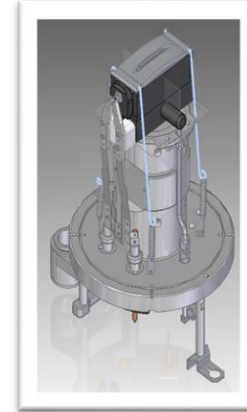
VIIStaTrident



VIIStaPFG



VIISta Electrode



NEXGEN_HC

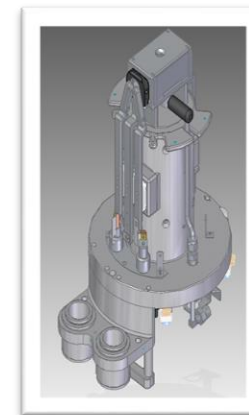


NV GSD ULTRA

Applied materials(ex.Varian) - Trident, Trident XP, 900XP, VIISta HC, VIISta MC, VIISta HE, VIISta80, VIISion80/200, E1000, E500/220, 300XP, 160XP

Axcelis - Purion H, Purion M, Optima HD, Optima XE, Pradigm, NV GSD HE, NV GSD Ultra, NV GSD 10, NV-6200, NV-10

Nissin - Exceed 3000, Exceed 2300



NEXGEN_MC



OPTIMA/PurionH/M



Certificate of Registration

nqa

This is to certify that the Occupational Health & Safety Management System of

2374-22, Jungu-daera, Yangji-myeon, Cheoin-gu, Yangin-si, Gyeonggi-do, 17102, Korea

is

applicable to

has been assessed and registered by NQA against the provisions of

This registration is subject to the company maintaining an occupational health & safety management system, to the above standard, which will be monitored by NQA.

[Signature]
Managing Director

Certificate No: 67704
Issue Date: 04 December 2016
Valid Until: 04 December 2021
EAC Code: 17

UKAS
MANAGEMENT
SYSTEMS
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QR Code

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Thank you