



Engineering the future

Accumulated Experience and Expertise Since 1990

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Provides customer-driven technology solutions

- Every product including hardware, controller and software is developed by our experts and team members
- Continuous growth in international sales and service groups with global marketing
- No.1 CMM Manufacturer in Korea
- Designated as Cutting-Edge Technology Company (Ministry of Knowledge Economy)



Our Company Culture

- Customer satisfaction is the main driver
- Continuous improvement in quality every year
- Energetic environment with various learning opportunities



Committed to Quality

- Accredited by KOLAS (ISO/IEC17025:2006 for calibration) Certification
- Certified ISO 9001:2015, ISO 14001:2015
- CE certification approved



Customer References



Customer Support Center

- This is our mission to serve customers by all our spirits and efforts.
- Largest CMM Education Center in Korea
- On-Site Consulting Service, Customized software development and Retrofit



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Right Company towards Customers



Quality systems and services with strong foundation

LTPS Equipment

Coordinate Measuring Machine

X-Ray Inspection System

Industrial Solutions

Printed Electronics

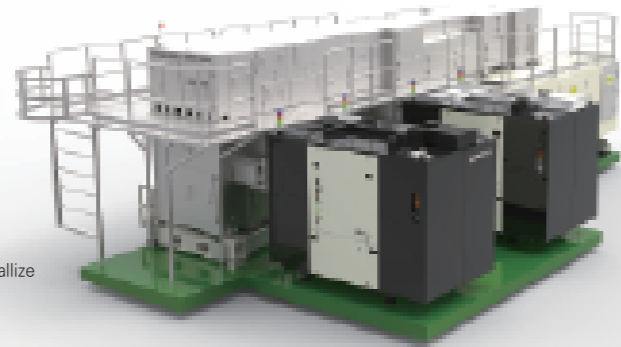


LTPS Equipment

ELA6G

Excimer Laser Annealing Equipment

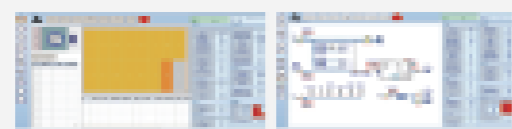
Equipment to form semiconductor layer with poly-silicon to improve the efficiency of the TFT applied to LCD and AMOLED panels. It is by LTPS(Low Temperature Poly Silicon Annealing) process which crystallize amorphous silicon under 400 degrees to prevent the of glass panels



- Easy to use and control the software for digital gauging and monitoring
- Proven Excimer Laser by superior technology and stable performance
- Ultra precise air bearing stage
- Z axis driving system significantly reduces set-up time and maintenance cost
- R axis driving system enhancing manufacturing efficiency by omni-directional scanning process

Excimer Laser Annealing Software

Easy to use equipment control software for program control, system control, and event check of the process



Crystallization Inspection System

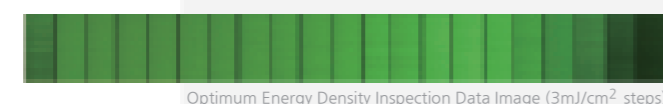
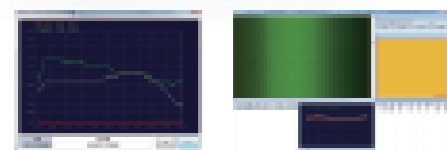


In conventional process, the acceptance test of panels after the excimer laser annealing process had been conducted by user's naked eye. Due to increasing importance of the high resolution/flexible AMOLED panel production, the inspection standard also increased in accordance. Our Crystallization Inspection System provides the precise measuring solution for annealed panels and conducts the acceptance test based on numerical data

- The acceptance test of panels after the crystallization process
- Translates as the numerical data of the annealed panel quality
- Automatic calculation of optimum energy density
- Simple annealing process handling with automatic test results/recipe feedback between ELA system and Crystallization Inspection System

AutoMacro Software

- Mura and defect detection with numerical evaluation (Mura Score, Intensity Score, Uniformity Score)
- Inspection reports in cell unit



Optimum Energy Density Inspection Data Image (3m/cm² steps)

3D Coordinate Measuring Machine

CHAMP

Small Bridge Type
Coordinate Measuring Machine
Model: 564



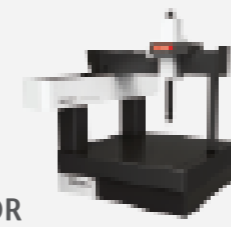
HERO

L-Shape Bridge Type
Coordinate Measuring Machine
Model: 785S, 7106S, 8127S



VICTOR

L-Shape Bridge Type
Coordinate Measuring Machine
Model: 101008-153012



PFB

Reference Level
Coordinate Measuring Machine
Model: 8105-152510



MHG

Gantry Type
Coordinate Measuring Machine
Model: 201215-1001630



GIANT

Parallel-Arm Type
Coordinate Measuring Machine
Model: 201215-1001630



Non-Contact 3D Coordinate Measuring Machine

VIKI

Moving Stage Type Non-Contact
Coordinate Measuring Machine
Model: 321, 331, 332



PLUTO

Moving Bridge Type Non-Contact
Coordinate Measuring Machine
Model: 451-18302



PLUTO-FB

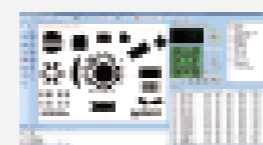
Fixed Bridge Type Non-Contact
Coordinate Measuring Machine
Model: 451-18302



NeuroMeasure5
Coordinate Measuring Machine
Software

NeuroMeasure is a top-level solution for 3-dimensional measuring process by combining measurement technology and CAD & Simulation.

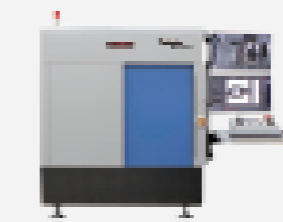
NeuroMeasure is the world's best solution for 3-dimensional measuring process which combines specialized technology, user convenience, various analysis methods, interactive programming, and high-quality graphical inspection report.



NeuroView
Non-Contact
Coordinate Measuring Machine
Software

NeuroView is multi-sensor measuring software which supports CCD camera, LD sensor, and touch probes. NeuroView is developed to provide the excellent extensibility which integrates convenient user interface, powerful calculation/analysis, and high-quality graphic report for automatic measurement/inspection process.

X-Ray Inspection System



Bright N / NCT Series

High Performance Standard System

- High performance 3D CT and 2D X-Ray metrology
- Designed for automotive parts



Bright M / MCT Series

High Resolution Micro System

- High performance 3D CT and 2D X-Ray metrology
- Designed for automotive parts, semiconductor, electronics parts

Bright Dual X-Ray CT

Large / Micro Dual focus System

- Switchable between High Power Large Source and High Resolution Micro Source

Bright L / LCT Series

High Power System for Medium/Large size

- High performance 3D CT and 2D X-Ray metrology
- Designed for automotive parts,

Bright S / OCT

High Power 2D Inspection System

- High Resolution FPD
- Inspectable Large Size PCB

Bright IN Series

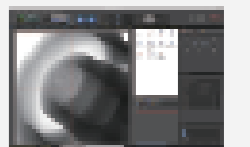
Reliable and accurate in-line inspection solution

- High Performance 2D In-line Inspection Adequate for Automotive / Die-casting / Plastic Industry

NeuroXray X-Ray Inspection Software

NeuroXray is an industrial X-ray analysis and CT scan software.

In addition to the characteristics of the existing X-ray system, it is an excellent software developed with Dukin's experience in developing measurement software and user convenience as the top priority.



Industrial Solutions

Laser Lead Measuring Machine



Measure the lead of ball screw and classify its grades

Tire Laser Marking System



Automatically engrave serial barcodes on tire surface with laser

- Engrave barcode pattern with laser
- Inspect marking pattern using camera
- Interface logistics for factory automation

Roll to Roll Direct Laser Patterning Machine



Pico-second laser patterning equipment with non-ablative process for TSP using Ag nano wire film

Roll to Roll Imprinting Machine



Produce micro pattern on flexible film with nano scale stamp on gravure roll by imprinting process