



Company Profile 2019

OUR COMPANY



Edgeworth Laguna Inc. (ELI), a former division of Edgeworth Corporation, was established in 2004 to provide the world class sales & service support required by our industry partners.

Market Access

Current market areas covered:

- Baguio
- Clark / Tarlac / Subic
- Manila
- Laguna
- Cebu

Our main office is located in the Laguna Technopark with branch offices in Baguio, Clark and Cebu. The close proximities to our clients allows us a faster response time for technical support and enables us to meet “just-in-time” tax-free spare parts requirements.



Main Facility – Laguna Technopark

1300 sqm Multifunction Facility w/Training and Seminar areas, Application Center, Conference Rooms as well as a Customer Lounge area and dedicated warehouse space.



ELI Application and Training Center

Benefits to our customers:

- **Reduce Costs**

-Instead of sending their people for training abroad, ELI Application and Training Center offers progressive training for free, with the same quality of teaching.

- **Process / Quality Improvement**

-By providing application support, process and quality, often improves and can be achieved according to the customers criteria and specifications.

- **Throughput enhancements / Reduction in Cycle time and Better Uptime / OEE**

-Edgeworth Laguna Application and Training Center was strategically built to help-out customers by providing support on UPH enhancement, progressive training, skills enhancement and technical know how.

Our Vision

It is our vision to be a recognized leader in the sales of equipment, materials and support services. This will be accomplished by paying attention to both our customer needs and through innovation, for the development of quality support services.

Our Core Values

1. Service Value
2. Dependability
3. Speed
4. Empowerment and Accountability
5. Innovation
6. Teamwork
7. Integrity
8. Achievement and Discipline



Our Mission

To Our Customers

We will remain, with unrelenting research, at the forefront of technological advancement to promote products that will satisfy all aspects of their requirements and render reliable services and maintenance to these products throughout their economic life.

To Our Suppliers

We will uphold their integrity and reputation and apprise them on accurate market information as the bases of their future-generation products.

To Our Employees

We will mold them into our norms and business culture, provide them personality development and spiritual enrichment, recognize their performance and achievements in order to develop their confidence and sound judgment.

To Our Society

We will be responsive, with our earnest desire, to the welfare of our community and exercise awareness for the improvement of our environment.



Our People

Our employees play a major role in the growth of our business. We promote and nurture the development of our people by providing appropriate seminars, team building programs, continuing education through local and offshore training.

Our technical staff is comprised of ~50 board certified ECE, electrical & mechanical engineers with an average tenure of more than 10 years, supporting equipment in high availability, high volume, quality intensive manufacturing environments. Many are regarded as the local “experts” providing applications support for our customers as well as identifying opportunities for improvement and equipment enhancements for our suppliers.

The depth in our sales team is a product of a solid equipment background coming from working in our technical support group prior to moving into a focused sales role. That experience combined with the long term professional relationships they have established while in service make ELI a credible alternative when proposing solutions for our customer base.

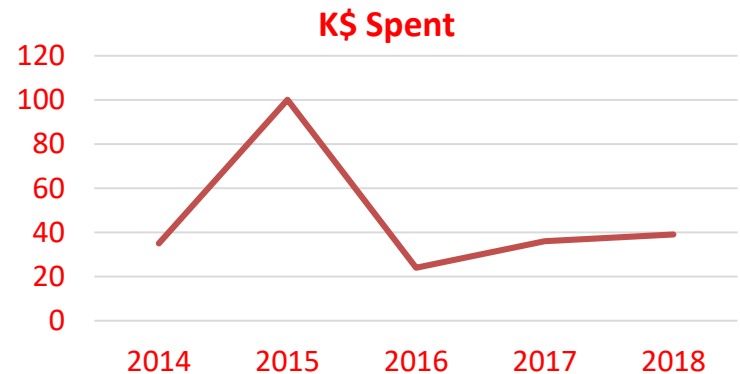
Service

Over the course of 2018, we have sent close to 20% of our service population to take part in offshore factory training programs, continuing the trend for the fifth year. This represents participation in factory floor, hands on training from our suppliers where they are located in Japan, Malaysia, China, Germany, Singapore, Taiwan and the USA.

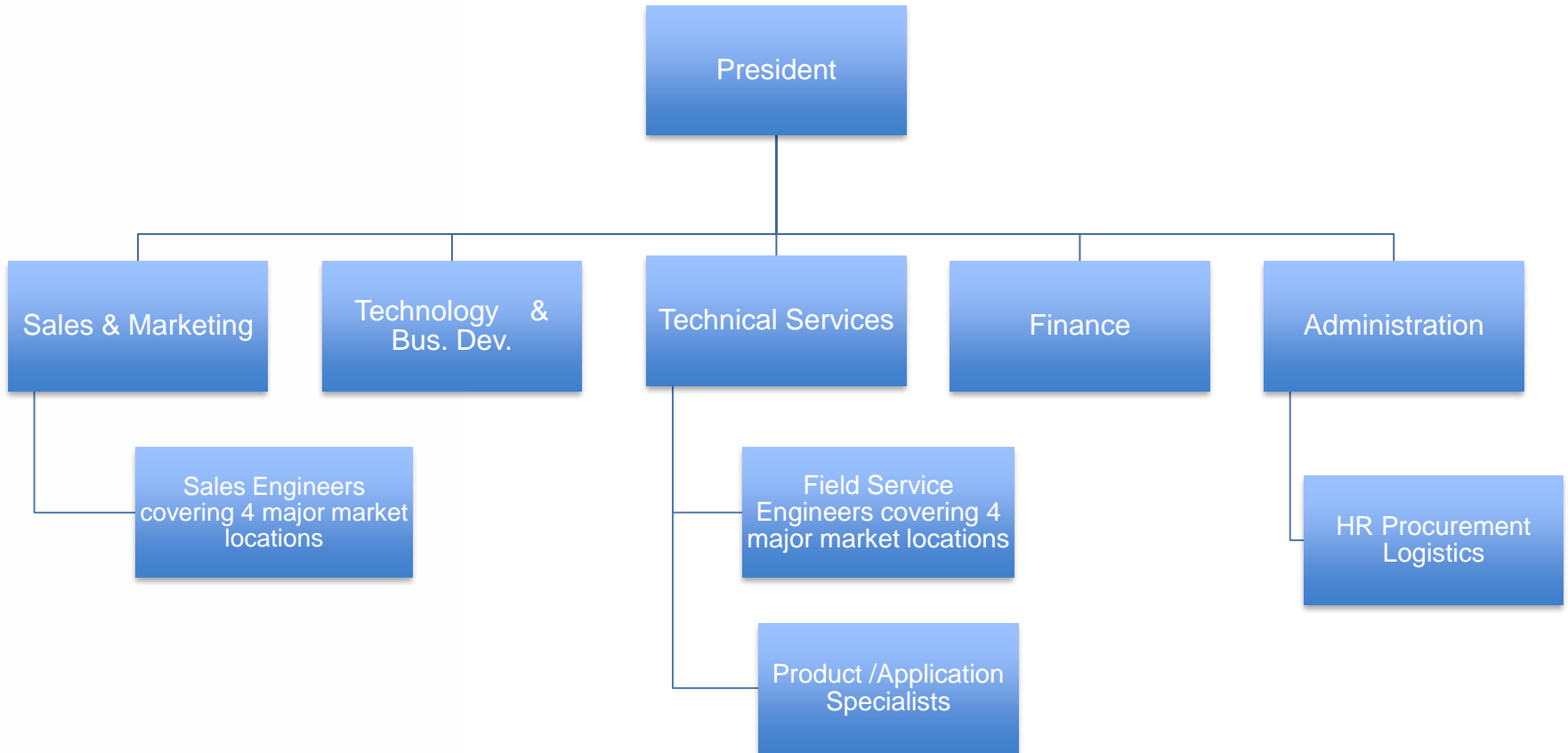
Working with our suppliers, we identify and procure the common as well as specialty tools, jigs and fixtures necessary to provide the highest level of service and ensure the shortest time to repair for our customers.

The Technical Service Group at Edgeworth Laguna is committed to minimizing our customers downtime with in-house access to a spare parts inventory in excess of \$1.1M USD.

Edgeworth has been providing initial warranty, extended warranty and post warranty service for our suppliers and our customers for over 48 years. We coordinate and manage the initial installation along with operator, maintenance and applications training with in-house start –up support for our customers.



ORGANIZATIONAL CHART



Product Lines



ACCRETECH



PG3000 RMX
Wafer Polish Grinder



New ML300EXWH
Wafer Laser Dicer



New HRG200X
High Rigid Grinder



New Fortia



UF2000
Wafer Prober



UF200R
Wafer Prober



HRG300
High Rigid Grinder



AD2000T / AD3000T
Wafer Dicer (Fully Auto)



AD3000T-HC
Wafer Dicer (Half-Cut)



SS10/SS20/SS30
Wafer Dicer (Semi Auto)



UF3000EX
Wafer Prober



New A-CS-300
Stand-alone Wafer Washer



New PS300
Package Saw Singulation



Precision Blades



AD20T/S
Smallest Twin Spindle
Wafer Dicer



FP3000
Wafer Prober

Athlete

Micro Ball Mounters

BM-1300W

for Wafers, BGA-CSP and Substrates



Micro Ball Repair System

BM-1120WR

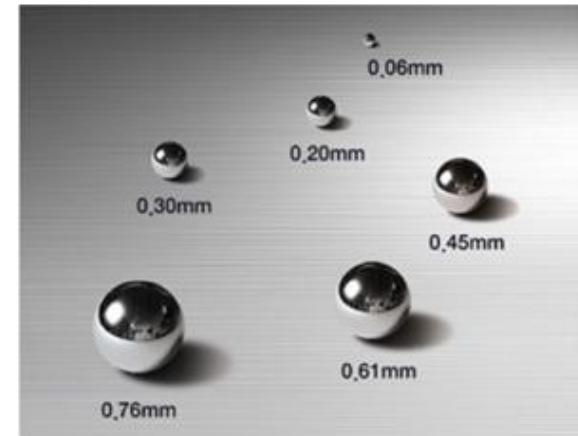
for Wafers, BGA-CSP and Substrates



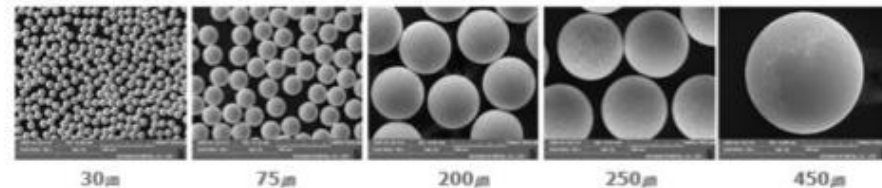
Flip Chip Bonder

CB-600

for Solder process with High Accuracy Bonding



Micro and Standard Solder Balls
for BGA, CSP, WLP and Flip-Chip



Solder Ball size ranges from 30µm to 760µm



MEGCON II

The Antistatic System for Ultrapure Water

CO2 Bubblers



Models: Rack and Cabinet type



MEGCON Cell Membrane

NGK Insulators, Ltd.
Tokyo, Japan



Product Lines

- Auto Wafer Loader
- Auto, Semi-Auto & Manual Wafer Mounter
- Auto Wafer ID Reader & Barcode Labeling System
- Auto Wafer Sorter
- Auto Wafer Packer / Unpacker
- Custom-made Automation Equipment / Tools

Waftech Sdn Bhd
Penang, Malaysia



First in the field of strip test handling solutions



**SH-5300/5000
Strip Test Handler**
The ultimate choice when
temperature is critical.



**FH-1200
Film Frame Handler**
No package limitations,
No change kits required.



**MH-3000
Laser Marker Handler**
High Performance laser
Marking of 2D codes and final
Package marks.

MCT Worldwide LLC
Minneapolis Minnesota, USA



LASER MARKING



LASER WELDING



LASER SCRIBING



3D METAL PRINTING



Coherent Roфин
Santa Clara, California USA



MIT Semiconductor Pte Ltd



LH2000
Strip Laser Marking



Caerus C330
Tape and Reel



Wafer Inspection
Machine



Flexisort FS600
JEDEC Tray Sorting System



SF1000
Inspection System



Post Tape Inspection
Machine



Wirebond Inspection
Machine



J Series Chambers



Hast Chambers



**FT Series for Coating Thickness Gauge
XRF Plating Thickness Gauge**



Air to Air Thermal Shock Chambers



Small Volume Thermal Shock Chambers



**EA Series for Hazardous Substance Analysis
XRF Analyzer**



PH/PV Ovens

OTHER PRODUCTS
Walk in Chambers
Vacuum Ovens
Burn in Systems
Vibration Chambers
Bench Top Type Chambers



**Thermal Desorption Ionizer MS
(Screening Device for Phthalates)**



Auto-Mold System



M Series



C Series



T Series



BGA & WBGA



Top Gate Series



Film Assit
TFA Series
T Flex series



WFA Series



RL Series
Reel to Reel Application

Asahi Engineering Co., Ltd.
Fukuoka and Kyoto, Japan



Offers a broad range of cutting-edge X-ray and CT products designed to support all your industrial inspection needs.



COUGAR EVO series
Easy to use, very fast CT imaging. The perfect small footprint CT & 3D micro-slice platform.



CHEETAH EVO series
Make virtual μ -sections, quickly w/o cutting the sample. Advanced software for fault finding.

FF20 CT & FF 35 CT
Experience a seamless CT inspection workflow

FF20 CT

FF35 CT



YXLON FF20 / FF35 CT Key Benefits

Intuitive touchscreen operation with new Gemini User Interface.

Revolutionary inspection sequence creation using icons.

Flexible ROI selection thanks to off-center virtual rotation axis.

Yxlon International GmbH
Germany



TEMPERATURE MEASURING INSTRUMENTS

Handheld Thermometers



Thermologgers



Thermoprinter



Temperature Calibration System



~10,000 Types of Probes

Anritsu Meter Co., Ltd.
Tokyo, Japan



Steam Age Chambers



SAT 1-0 / SAT1-3 / SAT 2-0

Meets Mil. Spec 883, 202, 750, DOD 2000 and IPC ANSI/J STD
Microprocessor controlled
DI Compatible construction
Domed top insuring no condensation on the components
Over-temperature safety features
Auto water refill through pump or solenoid

Mountaingate Engineering, Inc.

Mountaingate Engineering, Inc.
Stockton, CA 95207 USA

NORITAKE



Dicing Blade
(Rimsaw, Resin Cutter)



Hubless
(Package Singulation Blade)



Solder Paste



Liquid Flux



Diamond Wheel



Vitrified CBN Wheels



Solder Bar



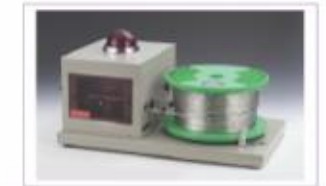
Flux Cored Solder Wire



Coolant



Anodes



Wires



New



PlasmaEtch



Jet Etch Pro Cuprotect / Pro



Cerdip Opener



Can Opener

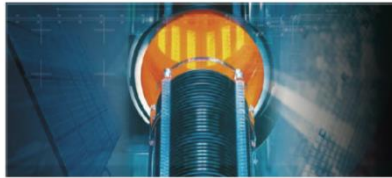


New

DS-202AT TY-CHECKER
Automatic Electrical FPCB Tester

Nisene Technology Group
Watsonville CA 95076, USA

Taiyo Industrial Co., Ltd.
Wakayama, Japan



Koyo

The future of heating technology



Vertical Furnace for 300mm Wafer VF-5700

Mini Batch, flexible up to 90 wafers batch processing.

High throughput by high-power heater with fast heat up.



Vertical Furnace for 300mm Wafer VF-5900

Large batch, Max 100 wafers batch processing.

Excellent temperature control from low to medium high temperature range by use of LGO heater.



High Temperature Clean Room Oven CLH Series

The best for semiconductor wafers and glass substrate.



High Temperature Inert Gas Oven IH Series

Heat to 600 deg-C and keep oxygen concentration less than 20 ppm. The best for ceramic degreasing.

Koyo
Nara, Japan



Products



Fan Filter Units

We make sure that the air in your EFEM meets the highest possible standard of particle reduction in the most efficient way possible.



QIII+® Surface Particle Detector

Immediately detect particles to 0.3 micron and localize them within a production tool.



Shield Systems

Protects even the cleanest environments from the contamination created by sneezing, skin flakes and breathing.

Services



Process Kit Cleaning

- Chamber-to-Chamber on-site service programs
- Full kit management
- Ultra life kits
- State-of-the-art cleaning & coatings
- Refurbishment of chambers, critical components, spare parts



Coating

- Al TWAS
- Ultra TWAS for high stress films
- Cu TWAS
- SS TWAS
- Alumina ceramic
- Yttria ceramic
- Yttria blend ceramic
- Ultra Yttria ceramic

Assemblies

- Valving
- Lid Assemblies
- Cold traps
- Ion Implant line assemblies
- Process kits, such as DPS,IMP and Encore



Pentagon Technologies
Hayward, California USA



Plasmax-604A
In-line plasma
cleaning system



Plasmax-800III
Ion bombardment
cleaning system



**Strip/Substrate
Laser Marker**



CRM-300P

**Ideally suited to R&D,
prototyping or pilot
production processing
on 6" to 12" wafers**



CRM-300R

**Ideally suited for
mass production
and can process
8" to 12" wafers**

A sample of the world class semiconductor companies we support



Some of the world renowned Subcon/EMS companies we support



Additional companies supported by ELI representing numerous other industries including Electronics, Solar, Computing, Medical, Aviation, Automobile, Firearms, PCBs and Food to name just a few.



Eat Well, Live Well.



AJINOMOTO

EPSON

LEXMARK

SUNPOWER[™]



MOOG

SURTECKARIYA



HGST
a Western Digital company

Nidec
—All for dreams

TDK



IBIDEN

PRICON
MICROELECTRONICS, INC.

TOSHIBA

brother



REMEC
BROADBAND WIRELESS

YAMAHA
Revs Your Heart

Continental

New Plating Wave
KECC

SHARP

YAZAKI



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Thank You!