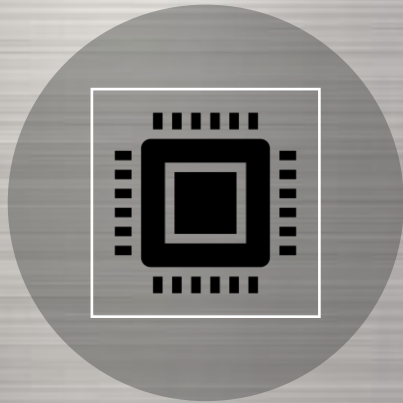




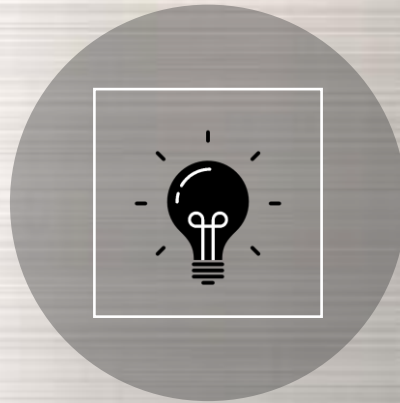
TECH GEAR

**COMPANY
PRESENTATION
2023**

WHO WE ARE



WE ARE OFFERING SALES AND SERVICES MAINLY FOR THE ELECTRONICS INDUSTRY.



OUR COMPANY WAS ESTABLISHED IN 2021...



... HOWEVER, WE HAVE DECADES OF *EXPERIENCE* AND OUR LONG-TERM CUSTOMERS' *SUPPORT AND TRUST!*

100% PRIVATELY OWNED COMPANY.

EXPERIENCE



SCAN ME

István Bögyös: 21 years of Sales experience
Vitronics Soltec, Kolb, Essemtec, Universal, Yamaha, ASM...



SCAN ME

Dániel Prait: 16 years of Support and Sales experience
Orbotech, Mirtec, GE Phoenix, Hesse Mechatronics, CheckSum, SAKI...



SCAN ME

László Végh: 8 years of Service and Process Support on AOI & SPI machines

LOCATION AND TERRITORY



Located in Székesfehérvár in the heart of West-Hungary, we have a brand new 200m² Demo area.

We are active in Hungary, Serbia and Slovenia currently.


SERVICES

- Service and application support of the equipment we sell on site, remotely and by phone.
- Spare parts supply, both in normal and urgent cases.
- Machine operator, maintenance and programmer trainings at our site or, if necessary, on site.
- Process analyses, problem detection, consulting.
- Design, installation and consulting on production lines and processes.
- Professional consultation, technology demonstrations




TECHNOLOGIES AND PARTNERS

Robot soldering: Apollo Seiko

 [Click for details](#)




SPI, AOI, AXI: SAKI Corporation

 [Click for details](#)



Industrial X-ray: Seamark ZM Technology Group

 [Click for details](#)



TECHNOLOGIES AND PARTNERS

Reflow Soldering: Vanstron



Click for details

Vanstron
electronic assembly & traceability

Solder temperature profiling: Solderstar Ltd.



Click for details

solderstar
Temperature Profiling Systems

Laser marking&Board handling: Vanstron



Click for details

Vanstron
electronic assembly & traceability

TECHNOLOGIES AND PARTNERS

Dry Cabinets: Dr.Storage



Click for details



Soldering materials: Broquetas



Click for details



Potting machinery & material: Demak



Click for details



TECHNOLOGIES AND PARTNERS

ESD magazine and Accessories: Leenol



Click for details



ESD magazine: Miki-Plastik



Click for details



Conformal coating, plasma, curing: Anda




Click for details




TECHNOLOGIES AND PARTNERS

Drying & Curing ovens: GTL Knödel

 [Click for details](#)




Camera verification station: WIT

 [Click for details](#)



Rework: Seamark ZM Technology Group

 [Click for details](#)



TECHNOLOGIES AND PARTNERS

Component preforming: EBSO



Click for details



Selective Soldering: EBSO



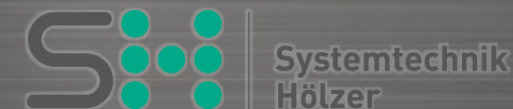
Click for details



PCB Separation: Systemtechnik Hölzer



Click for details



OUR CUSTOMER REFERENCES

• APTIV •

Continental
The Future in Motion



BOSCH

JABIL

vitesc
TECHNOLOGIES



SANMINA-SCI®

ALPSALPINE



RAFI

VIDEOTON



kontron
S&T Group

BECOM
it's possible.

PRETTL
electronics



SICK

FLEXMONT

SENSIRION
THE SENSOR COMPANY



PROVERTHA®
CONNECTORS, CABLES & SOLUTIONS

NIVELCO
OUR PROFESSION IS YOUR LEVEL



ECKERLE



Gémosz
Elektronikai Kft.



IBIBOX

SMT
SMT plus - surface mount technology

Dynamic
Elektronik-Produktion



KONKOLY ELECTRO

ITNH
INNOTECH NORD HUNGARY KFT

EM
ElektroMont

KATEK
Lead the category

THANK YOU FOR YOUR ATTENTION!

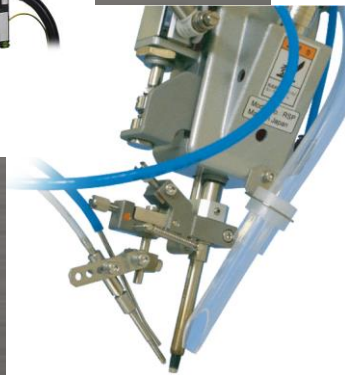
WWW.TECHGEAR.HU

ROBOT SOLDERING



- Since 1969
Our partner in Soldering Automation

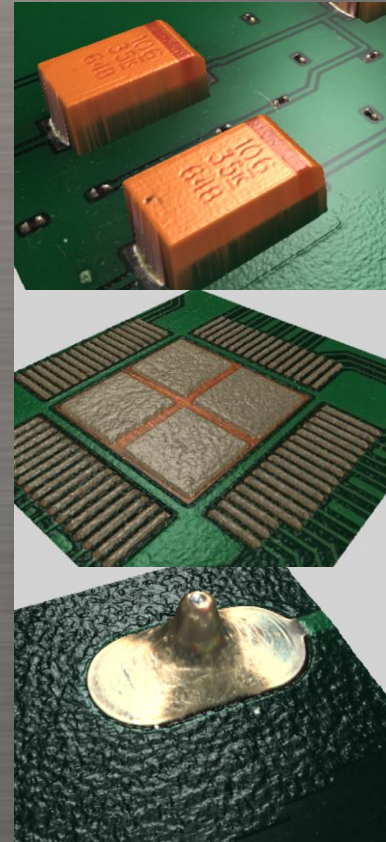
- Soldering KITS
- Robots
- Automation cells
- Turnkey solutions
- Consumables and spare parts
- Iron and laser soldering



AOI, SPI, AXI

saki

- Common HW and SW platform for each inspection technology
- User friendly SW interface
- Outstanding machine capabilities
- Proven technology for High-tech, Aerospace, Automotive&Industrial electronics
- SPI, AOI, AXI



INDUSTRIAL X-RAY



X-ray solutions

Offline and Inline X-ray inspection machines

Standard and specialized machines for different applications:

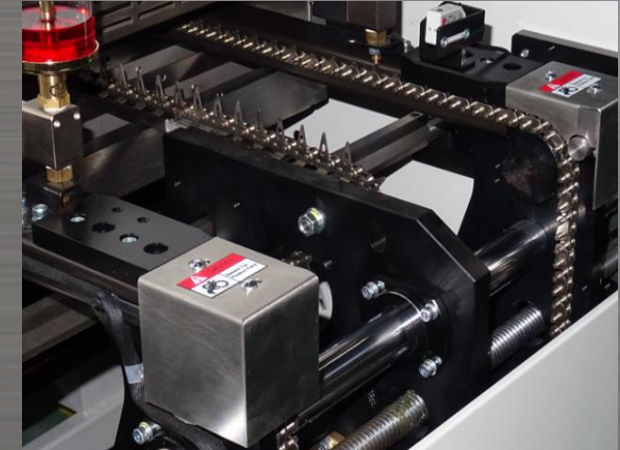
- Component counting
- PCBA inspections
- Casting inspection
- Lithium Battery inspections.



REFLOW SOLDERING

Vanstron
electronic assembly & traceability

- Lead free operation
- Different zone configurations up to 15 zones
- Transportation options up to 4 lanes
- Nitrogen system
- Water cooling system
- Flux management
- Outstanding thermal performance
- Low consumption



THERMAL PROFILING



Excellent Profiling solutions for all soldering processes

- Reflow soldering
- Wave soldering
- Selective soldering
- Vapour phase soldering
- 1 Data logger for each process
- User friendly SW environment for quick and accurate process optimization



LASER MARKING & BOARD HANDLING



Laser marker and Board handling machines

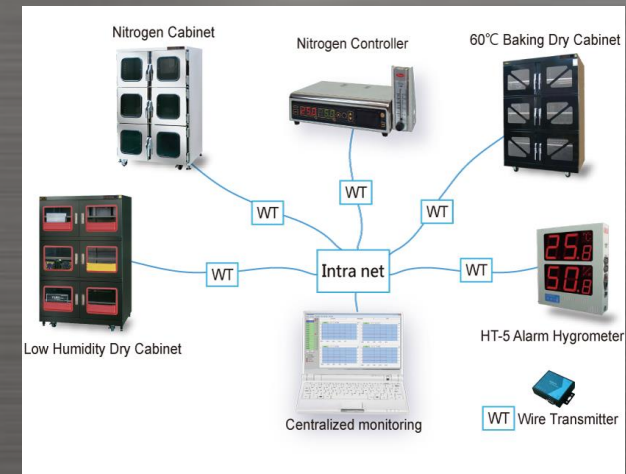
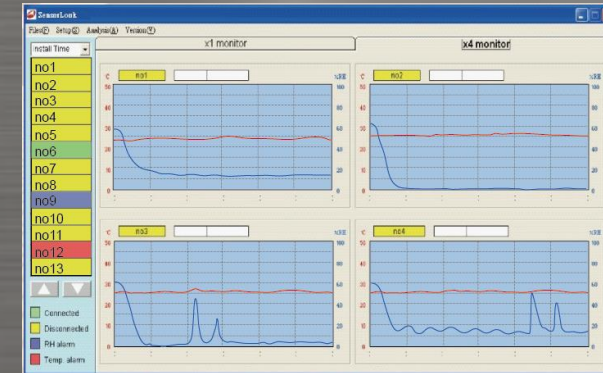
- Standard and Unique automated board handling machines for the entire SMT and semiconductor productions. Flexible solutions for all requirements.
- High-end In-line laser marking machines for product traceability. CO2 and UV lasers.
- UV and Vertical Buffer curing.



DRY & BAKING CABINETS



- Dry&Ultra Dry cabinets (<1% RH)
- Baking cabinets (up to 60°C)
- Nitrogen cabinets
- Hygrometers
- Monitoring system
- Accessories



SOLDERING MATERIALS



- Solder wires
- Fluxes
- Solder pastes
- Solder bars



SELECTIVE POTTING



- Automated potting solutions for all applications
- Turnkey solutions, full production lines
- Resin development and production
- Insulation, sealing, encapsulation, optical bonding



ESD MAGAZINES & ACCESSORIES



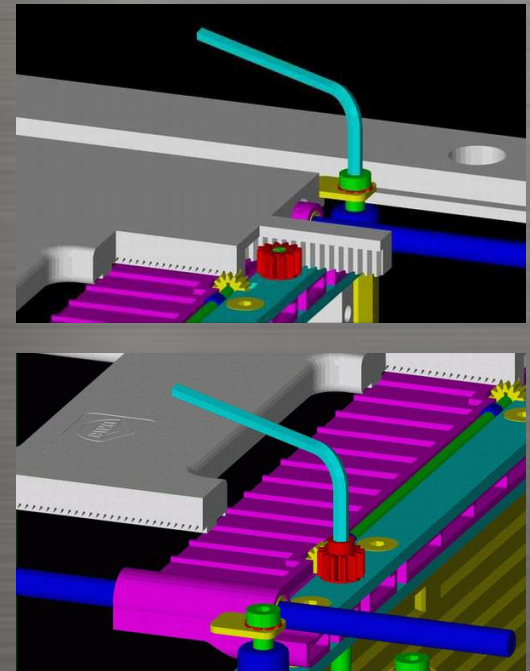
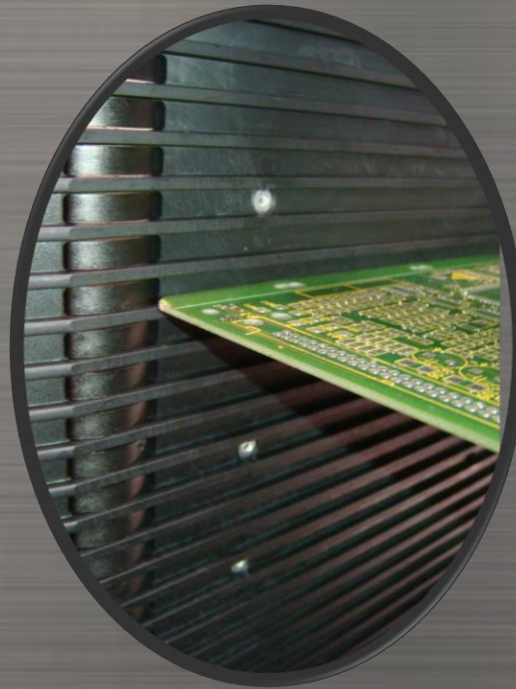
- Magazines
- Circulation racks
- Boxes
- Clean room wipers
- ESD Wipers
- Spare parts



ESD MAGAZINES



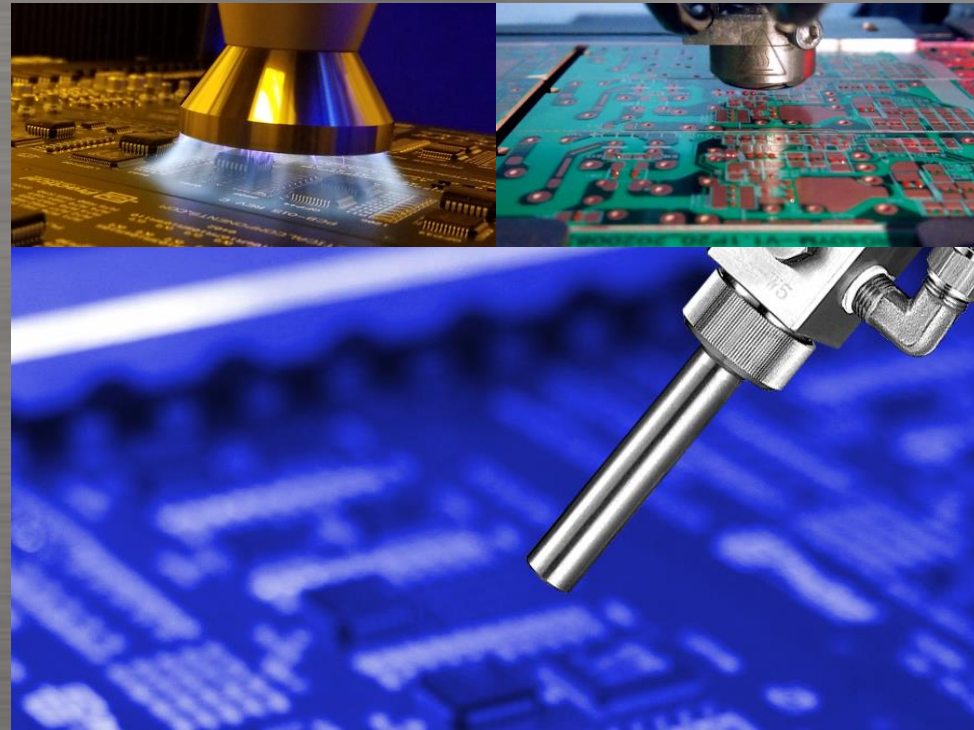
- ESD PCB Magazines
- High-end
- Synchronized magazines
- Different temperature applications
- Patented PCBA protection
- Made in Germany



CONFORMAL COATING, PLASMA, CURING...



- Plasma treatment
- Fluid dispensing
- Conformal coating
- Infrared curing, UV curing
- Turnkey solutions



DRYING & CURING OVENS

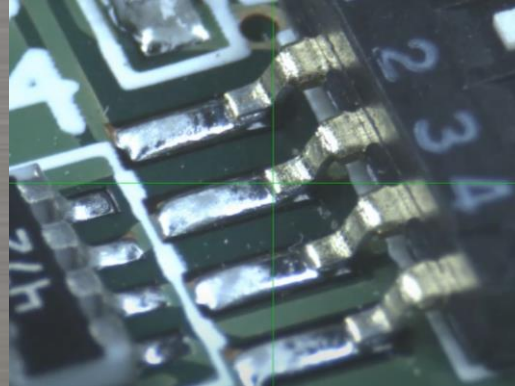
KNODEL



- Drying and Curing of different materials
- Convection, Infrared and UV curing
- Horizontal and Vertical machines
- Dip coating for components conformal coating



CAMERA VERIFICATION



- Post AOI remote judgement by moveable camera
- Automated In-line solution
- Free camera angle and rotation
- Automatic positioning based on AOI results



REWORK



- Full range of rework solutions
- Hot air & Infrared high precision machines
- From table-top to fully automated In-line machines
- Different levels of automation
- Solutions for all product sizes and special components as LEDs or Micro components



COMPONENT PREFORMING



- THT components preforming
- Axial
- Radial
- Power transistors
- Connectors and plugs
- Miniwave rework



SELECTIVE SOLDERING



- Off-line Selective soldering
- Solder area up to 510x510mm
- Fluxer
- Preheater
- Easy Change Pot system
- Offline programming



PCB SEPARATION



- Off-line & In-line solutions
- Machines for all working areas
- Routers for all PCB materials
- Same quality for each material and thickness
- Laser separator
- Stress-free and dust-free design

