



**Specializing in equipment & consumables  
for SMT and microelectronics processes**

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[www.wittcosales.com](http://www.wittcosales.com)



**Helping you succeed is our goal!**

# MYCRONIC



## Market leading automated SMT software & hardware assembly solutions

- A solution for every need, capable of PiP, POP, QFNs
- Award winning Agilis feeders, quick load, strips/cut tape, electrical verification, smart software for inventory control
- High speed jet printers. Stencil free. Complete control of volume, shape and position on each pad.
- Storage & retrieval component towers, smart traceability!
- MYSMART series dispensing and conformal coating solutions
- Cost effective, high performance benchtop dispensing robots
- High performance conformal coating systems

[www.mycronic.com](http://www.mycronic.com)



## Supplier of solder paste inspection and automated optical inspection systems

- 2D and 3D inspection, extremely low false call rate, shadow free, shift defect coverage boundaries.
- Auto programming solder paste inspection system
- Process improvement software, feed forward, close loop.

[www.vitechnology.com](http://www.vitechnology.com)



## Batch defluxing systems, cleanliness testers and stencil cleaners

- Fully programmable closed loop, ZERO discharge & low discharge batch aqueous cleaning and defluxing systems
- Ultrasonic stencil cleaners and close loop water treatment
- Zero Ion cleanliness tester

[www.aqueoustech.com](http://www.aqueoustech.com)



## Edge Belt Conveyor & automation for electronics manufacturing

- Conveyor and automation for ESD-sensitive materials
- Reliably move PCB's between manufacturing processes
- Laser marking and board traceability systems
- Robotic Automation for electronic assembly and packaging
- 24/7 emergency support and same-day spares available

[www.simplimatic.com](http://www.simplimatic.com)



## A leading manufacturer of high temperature controlled atmosphere furnaces for SMT & microelectronics

- SMT reflow & semi conductor packaging
- Direct bond copper, brazing, sintering & heat treating
- Glass-to-metal sealing & thick film firing
- Diverse atmospheres, air, nitrogen, hydrogen & forming gas

[www.btu.com](http://www.btu.com)



## Flying probe system, boundary scan solutions

- Scorpion single and double sided flying prober
- Analog, digital, mixed signal and boundary scan capabilities
- Scanprobe, Chipscan, thermal imaging test

[www.acculogic.com](http://www.acculogic.com)



### Test probes, probe tools & sockets for ATE

- ICT test probes, socketless X probes & ATE interface probes
- High pre-load & 6R, 8R,9R steel razor probes
- Insertion tools, extraction tools & pin gauge tools

[www.gatech.com](http://www.gatech.com)



### Precision cleaning chemistries and solutions where science and care converge

- Leader in electronic assembly cleaning chemistry
- Improve stencil cleaning efficiency and process yields
- Maintenance for degreasing, circuit board defluxing, Bench-top, wave solder pallet and reflow oven cleaning

[www.kyzen.com](http://www.kyzen.com)



### Affordable high performance x-ray inspection solutions

- High magnification, high resolution x-ray imaging
- Compact design, easy to use controls and imaging software
- Flexible configurations to meet all types of requirements
- Open migration/upgradable system on-site to minimize cost
- World wide service, support, and parts for nicolet, genrad/teradyne, focalspot, and faxitron legacy x-ray products.

[www.pacificxray.com](http://www.pacificxray.com)



### The next generation of rework and test

- IR rework and IR thermal test equipment
- SMD, QFN, LED rework stations deliver the highest performance and soldering quality available
- Controlled design validation and characterization testing

[www.pdr-rework.com](http://www.pdr-rework.com)



### SMD x-ray scanner with intuitive usability

- Automatic recognition and counting of components
- Verification of results through plausibility check
- Drypack, quad-count, sticks and trays and order counting

[www.optical-control.de](http://www.optical-control.de)



### Smartest profiler on the planet & intelligent dry storage

- Expertise in thermal monitoring and analysis technology.
- Designed for reflow, wave, vapor phase & rework processes.
- Dry cabinet for moisture sensitive devices. Market leading recovery time of less than three minutes.
- Intelligent dry storage, technology is industry 4.0 ready

[www.ecd.com](http://www.ecd.com)

[www.smartdry.ecd.com](http://www.smartdry.ecd.com)



### Leading providers of selective soldering systems

- Standalone, in-line, modular selective soldering systems
- Custom solution and tooling available
- Selective soldering process lab and workshops

[www.nordson.com/en/divisions/select](http://www.nordson.com/en/divisions/select)

# FKN Systemk

## FKN Provides Effective Ways To Depanelize Your Loaded Printed Circuit Boards

- Circular blade for pre-scored panels, saws for all panels
- Punch and router for tab routed PCB's / nibblers
- Unmatched tooling and support for depaneling process

[www.fknsystemk.com](http://www.fknsystemk.com)



## InsulFab: time saving custom assembly solutions

- PCB & Surface mount tooling, conformal coating & routing fixtures
- Adjustable fixtures with titanium inserts & adjustable fixtures
- Stamping & die-cutting of thermoplastics. ISO & ITAR certified

[www.insulfabtools.com](http://www.insulfabtools.com)



## State of the Art Optical Inspection Systems

- Professional full 4K ultra HD optical inspection, up to 30X-HD
- BGA optical inspection
- XYZ metrology for non-contact dimensional measurements

[www.inspect-is.com](http://www.inspect-is.com)



## The global leader in solder joint encapsulants, underfills, nanofilms and die attach adhesives

- Conformal coating (rigid and flexible)
- Optoelectronic materials
- Wafer level materials and die attach adhesives

[www.yincae.com](http://www.yincae.com)



MYCRONIC

VI TECHNOLOGY

MYCRONIC

PXi PACIFIC X-RAY IMAGING

SIMPLIMATIC AUTOMATION



SuperM.O.L.E. THERMAL Gold PROFILER

SmartDRY™

Nordson SELECT

YINCAE INNOVATION AT ITS BEST

optical control

Wittco Sales

BTU



Aqueous TECHNOLOGIES

INSPECTIS

KYZEN Where Science and Care Converge.

ACCULOGIC



FKN Systemk