



*Automated X-ray Inspection*

**TECHVALLEY**  
**EUROPE**



**The first choice  
for AXI Performance,  
Speed and Precision**

[techvalley-europe.com](http://techvalley-europe.com)

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## About Us

**Techvalley's history is the history of Korean industrial X-ray inspection systems.**

Techvalley has been providing various kinds of industrial X-ray inspection/analysis systems for all industries including electric/electronic, semiconductor, automobile component and secondary batteries, etc.

Manufacturing industries have been forced to develop and produce more miniaturized, more integrated and more precise components and products in this intense global competition.

Also, more strict and rigid inspection standards have been applied to inspect the final quality of finished products. As a result, demands and expectations for inspection systems have increased very significantly.

## Our History

Techvalley was established in 1997. It has been the number one automatic X-ray inspection solution provider in Korea.

Techvalley have a proud history of over 22 years of innovation and success in electronics industry, providing the best solution to multinational production factories in Asia including Samsung, Hyundai Motor, and LG.



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# Techvalley Europe

## Our European team work around the clock to provide the very best service.

Techvalley are bringing their high speed, high accuracy in-line X-ray systems to Europe. With a European HQ and demo center in Hungary, a European website and a fast-growing well-trained distribution network.

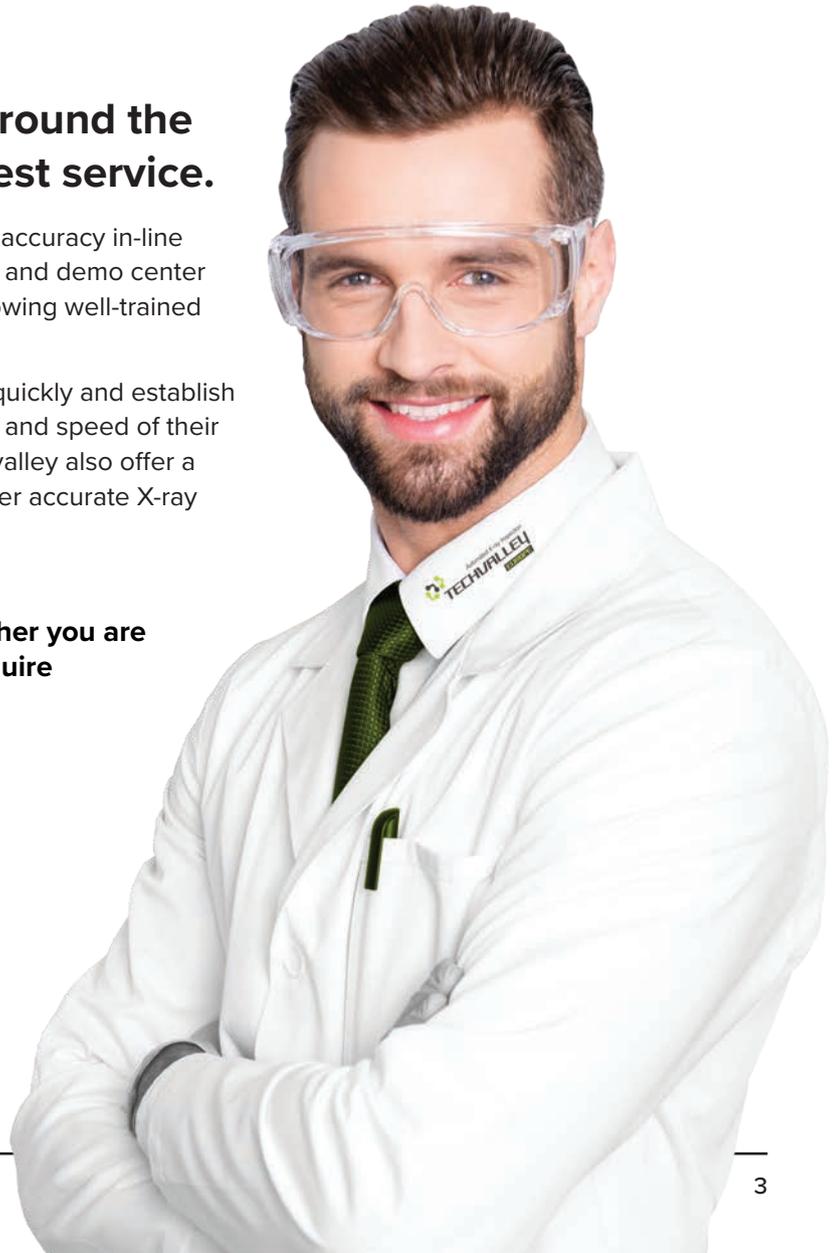
Techvalley are planning to take market share quickly and establish a lasting footprint, due to the quality, accuracy and speed of their systems and the quality of their support. Techvalley also offer a cost effective at-line/offline solution and a super accurate X-ray component counter.

**Contact our dedicated team today, whether you are looking to purchase a system, or you require training or servicing.**

**Call** +36 70 394 3428

**Email** [sales@techvalley-europe.com](mailto:sales@techvalley-europe.com)

**Web** [techvalley-europe.com](http://techvalley-europe.com)



# Hawkeye 9020 AXI

An automated x-ray inspection solution based on a unique AI Platform, fully developed in-house.



## Features & Benefits

- AI Platform embedded AXI
- Remarkable inspection speed & high definition with iTop technology
- Low false calls by Laminography and iTop integration
- Self-diagnosis system
- Best suitable solution for overlapped patterns of PCB inspection
- Fully automate all operations from inputting, inspecting and sorting large quantities of samples
- Compact size for space utilisation and operator's convenience
- Provides high speed inspection (0.4~0.8sec/point)
- Proven performance
- Intuitive user interface to enhance operator's convenience
- Higher space utilisation by compact size
- High precision is achieved using a high definition digital X-ray detector



## Hawkeye 9010 AXI

### Features & Benefits

- AI Platform embeded AXI
- Provides fast scan speed (0.43~0.7sec/point)
- Intuitive user interface to enhance operator's convenience
- Realised best cost-effectiveness
- Inspection for surface mount circuit boards
- Fully automate all operations from inputting, inspecting and sorting large quantities of samples
- Proven performance
- Localised inspection software by Techvalley's technologies
- Easy upgrade and additional feature by software & algorithm
- Supports remote monitoring
- Alarm and pop-up for faults of sample
- High space utilisation by compact size
- Self-diagnosis system

**Manufacturing innovation for Industry 4.0**  
**Optimised system solution for precision parts**  
**Compact size for space utilisation**



# Hawkeye 6000DS

The Hawkeye 6000DS Automated X-ray reel component counter is more accurate and faster than manual reel counters with no damage or loss during chip counting process.



## Features & Benefits

**World's best and proven component counting technology with X-ray**

- Developed with our own technology
- Reduces labour cost and increases work efficiency more than manual component counting
- Increases inventory management efficiency and accurate quantity control of incoming components
- Sold to and proven by world leading manufacturers

**High performance automatic component counting with a wide range of sizes and shapes of chip in reels**

- Automated, highly accurate and fast counting
- From 180mm reels up to specialist 380mm reels
- Fast utilisation of equipment

## TVX-IM9000F

**Highest possible cost-effectiveness  
at-line/ offline solution with excellent quality.**

### Features & Benefits

- Off-line automatic X-ray inspection equipment can be easily controlled and programmed, with a variety of automatic inspection solutions
- The TVX-IM9000F is capable of inspecting 500mm x 500mm and 5kg samples at one time and can be used for various products
- Large and heavy product inspection possible (500mm x 500mm, 5kg)
- Can be equipped with automatic inspection function
- Provides clear images including distance, diameter, angle measurements, and enhanced filters
- Detector tilt function does not reduce magnification
- Applying automatic inspection according to the customer's needs





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## Support

**At Techvalley, we pride ourselves on delivering the highest level of care and support to all of our customers.**

From selecting the right system and ensuring that it is installed correctly.

Our global network of sales, service and distribution resource means we're on hand once your machine is up and running whenever you need us.

### User Training

- We will fully train your operators and engineers as soon as the system is installed
- This will be done in the local language wherever possible or in English
- Level 1 maintenance training will also be given to your team at this time
- All training requirements available
- On-line and telephone support is available through our distribution network

### Fully Trained Support Engineers

- All our distribution partners have engineers who are fully trained on installation, use and support of our systems
- Our partners are also experts in the local regulations, and therefore will ensure a smooth path to getting you operational
- We offer remote diagnostics in real time for fast problem solving, to ensure minimal downtime



## Extensive Spares Stock

- We hold an extensive spares stock at our European headquarters. This dramatically speeds up any warranty replacements required and also allows us to speedily replace any failed units
- This strategy is key to our customer and distribution partner support
- Reducing replacement part shipping time gives us maximum advantage over other x-ray suppliers

## Techvalley Support Staff

- We have highly skilled engineering support based at our European headquarters. This provides a second line of support to our customers
- Supporting our distribution partners, our support staff are able to fix the more complex issues, should any arise
- This gives our customers the knowledge that Techvalley are able to take care of them, from install and training to fixing any issues

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# Why Choose Us

**We understand there are many options in the market for x-ray inspection systems. This may be a little confusing, so let's try to help with the decision-making process.**

Techvalley has been in existence since 1997 and have won a huge number of awards for innovation and technology since that time, including the launch of the world's first x-ray component counter in 2013.

Techvalley is famous for developing its own technology and holds over 50 patents. The trusted partner of all major Korean companies around the globe, holding CE and ISO approvals and offering highly trained local support.

Techvalley Europe has a very strong distribution network, with fully trained engineers local to all customers offering excellent training for our users. Holding major spare parts stocks within Europe, our demo room is equipped with the full range of our product offerings.

## The Bottom Line

Techvalley has come into the European market in a strong professional way, partnering with the best distributors and offering better products, value for money, ROI and support, than was previously available in Europe.

Their unique AXI algorithms deliver faster and more accurate results than more expensive systems and this further proves that they are the strongest partner for your needs.



# European Distributors

## **Altus Group Ltd**

**UK, Ireland**

Unit D, Crescent Trade Park Moons,  
Moat Drive, Redditch,  
Worcestershire, B98 9DZ, UK

[sales@altusgroup.co.uk](mailto:sales@altusgroup.co.uk)

+44(0)1386 791 074

[altusgroup.co.uk](http://altusgroup.co.uk)

## **SmartRep GmbH**

**Germany, Austria, Switzerland**

Martin-Luther-King-Str. 2b D-63452

Hanau, Germany

[info@smartrep.de](mailto:info@smartrep.de)

+49(0)6181 440 87-50

[smartrep.de](http://smartrep.de)

## **Danutek Hungary Kft**

**Hungary, Ukraine, Serbia**

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Building "A", H-1117

Budapest, Hungary

[sales@danutek.com](mailto:sales@danutek.com)

+361 273 04 57

[danutek.com](http://danutek.com)

## **Danutek Balkans SRL**

**Romania, Bulgaria, Macedonia**

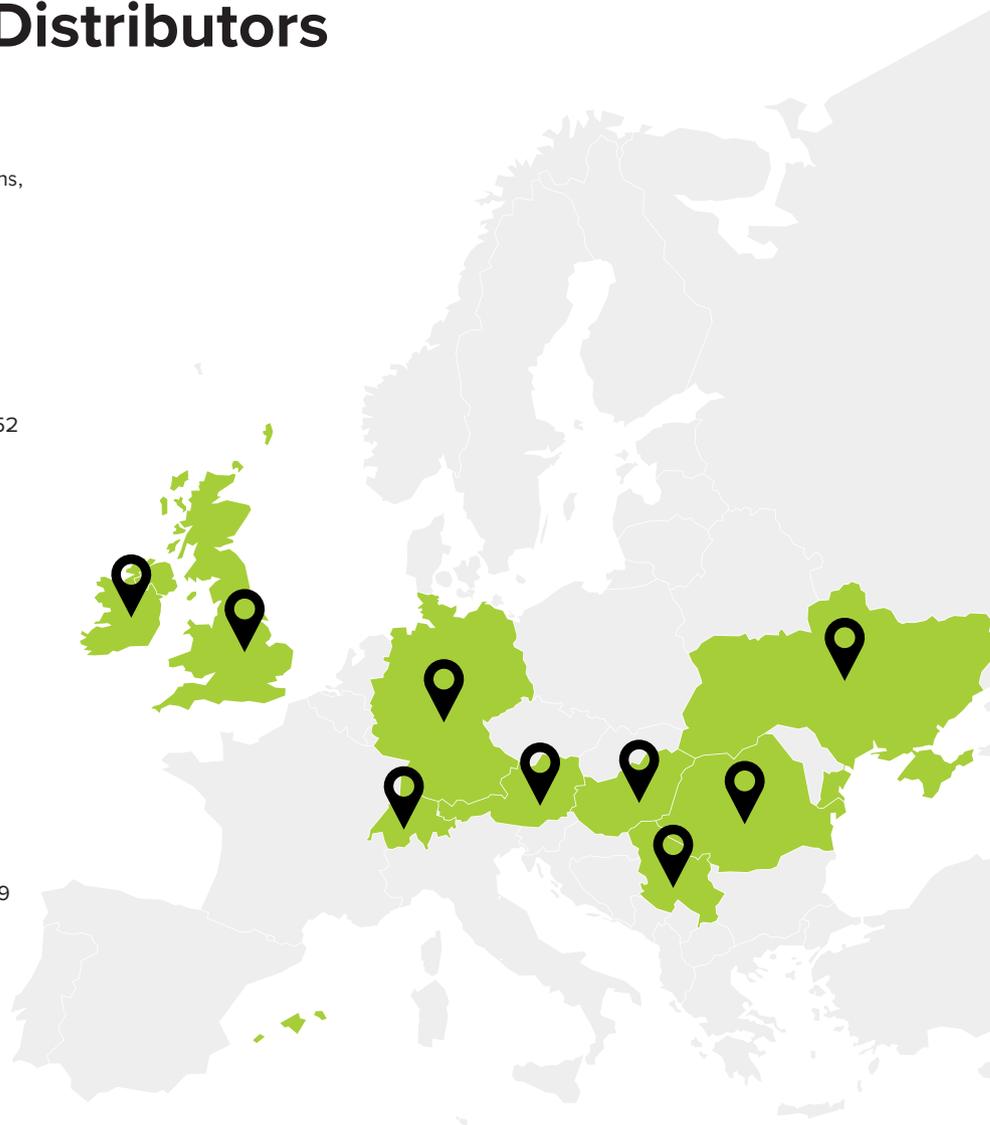
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**Techvalley Europe Demo &  
Technical Support Center**

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