



Automated X-ray Inspection

TECHVALLEY
EUROPE



TVX-IM9000F

Off-line Automatic X-ray Inspection System

techvalley-europe.com

TVX-IM9000F

Off-line automatic X-ray inspection system

iTOP Technology based on AI platform

TVX-IM13000DX
TVX-IM9000F
HAWKEYE6000L

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

The TVX-IM9000F is a high performance compact micro focus system, providing excellent image quality.

An ideal production or research & development tool, offering precision measurement and analysis. A highly cost-effective solution for all x-ray inspection tasks, from batteries to PCBA's

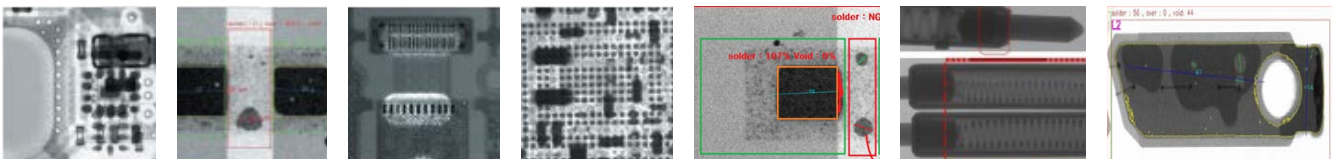
Key Features

- 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 **480mm x 480mm** and **5kg** samples at one time and can be used for various products

Benefits

- Large and heavy product inspection possible (480mm x 480mm, 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

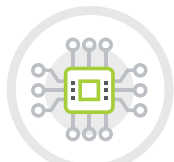
Inspection Images



Applications



Mobile Parts



PCB/FPCB



Camera Module



Intenna/ Antenna



Batteries

CORE-emt A/S

+45 30 17 82 10

Email info@core-emt.com

Web www.core-emt.com

Specification

	TVX-IM13000DX	TVX-IM9000F	HAWKEYE6000L
--	---------------	-------------	--------------

X-Ray Tube

Tube Type	Sealed Type	Sealed Type	Sealed Type
Feature recognition.	2.5µm	2.5µm	2µm
Field of View	4x4 ~ 45x45 (mm)	2x2 ~ 45x45 (mm)	4x4 ~ 30x30 (mm)
Max. Tube Voltage	130kV	110kV	110kV
Max. Tube Current	500uA	250uA	250uA
Power	40W	25W	25W

X-Ray Imaging

Detector	Flat Panel Detector	Flat Panel Detector	Flat Panel Detector
Flat Panel Detector	5 inch	5 inch	5 inch
Resolution	6.9 Megapixels	6.9 Megapixels	6.9 Megapixels

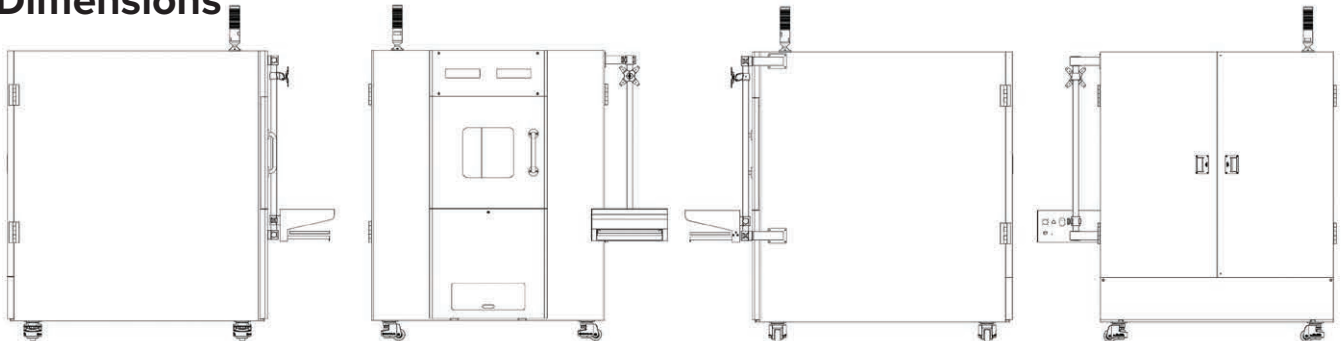
Manipulator

Table Size (mm)	500 x 500	480 x 480	600 x 800 ~ 1200
Axis	Standard: 4axis (X, Y, Z, Tilt)	Standard: 4axis (X, Y, Z, Tilt)	Standard: 6axis
Stroke (mm)	X: 500 / Y: 500 / Z:200	X: 500 / Y: 500 / Z:200	X: 600mm / Y: 1200mm / Z:200mm
Max. Sample Loading (Kg)	5kg	5kg	5kg
Tilt (°)	50 °	50 °	45 °

Hardware

Dimension (WxDxH)	1372x1534x1623	1372x1534x1623	1500x2000x1900 mm
Weight	1650Kg	1650kg	1500Kg
Power Consumption	Max. 3KW	Max. 3KW	Max. 3KW
Electricity	220V, 1 Phase	220V, 1 Phase	220V, 1 Phase
Air	None	None	5kg/cm ² , 6mm(Ø)

Dimensions



Please note | Specifications are subject to change without notice.



Automated X-ray Inspection

TECHVALLEY
EUROPE

EUROPEAN DISTRIBUTORS

Techvalley Europe HQ

Hunyadi Janos utca 3.,
Building "A", H-1117
Budapest, Hungary
sales@techvalley-europe.com
+36 70 394 3428

Altus Group Ltd UK, Ireland

Unit D, Crescent Trade Park Moons,
Moat Drive, Redditch,
Worcestershire, B98 9DZ, UK
sales@altusgroup.co.uk
+44(0)1386 791 074
altusgroup.co.uk

Danutek Hungary Kft Hungary, Ukraine, Serbia

Hunyadi Janos utca 3.,
Building "A", H-1117
Budapest, Hungary
sales@techvalley-europe.com
+36 70 394 3428
sales@danutek.com
+361 273 04 57
danutek.com

CORE-emt A/S

Denmark, Sweden, Finland, Norway,
Estonia, Latvia, Lithuania
Vestvej 13
DK-9600 Aars, Denmark
info@core-emt.com
+45 30 17 82 10
core-emt.com

SmartRep GmbH Germany, Austria, Switzerland

Martin-Luther-King-Str. 2b D-63452
Hanau, Germany
info@smartrep.de
+49(0)6181 440 87-50
smartrep.de

Danutek Balkans SRL Romania, Bulgaria, Macedonia

Mitopolit Andrei Saguna 2, 300119
Timisoara, Romania
office@danutek.com
+40 356 802 800
danutek.com

Techvalley Europe Demo & Technical Support Center

Hunyadi Janos utca 3.,
Building "A", H-1117
Budapest, Hungary
support@techvalley-europe.com
+36 70 394 3428

techvalley-europe.com