CX3000

Desktop X-Ray Inspection Machine

UNICOMP

BENTEC LTD

CX3000 Desktop X-Ray Inspection Machine

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Widely applied for Electronics components in Tape & Reel, JEDEC Tray and Tube package, PCBA, BGA, CSP, Flip Chip, LED, Fuse, Diode, Semiconductor, Battery Industry, Small Metal Casting, Electronic Connector Module, Cables, Aerospace Components, Photovoltaic Industry, etc.

Application Fields

SMT/PCBA

JEDEC Tray

Reel to reel Components

Tube Components

LED

Functions and Features

1 Super Compack and Desk-top Design

2 Multi-function X-Ray Inspection

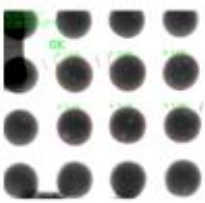
3 Different Inspection Mode

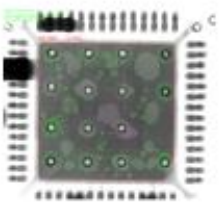
4 Status Light and Emergency Button

5 Safety Electromagnetic Interlock

6 Portable with Wheels

Inspection Images





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Technical Parameters and Specifications

System Summary

Footprint	800(L)×870(W)×1550(H)mm	Plywood Packing Size	1650(W)×1300(D)×2050(H)mm
Machine Weight	600 kg	Packing Weight	880kg (include desk)
Power Supply	AC 110/220V, 50/60Hz	Power Consumption	1.0 kW

X-Ray Tube

Tube Type	Sealed	Max. Power	8W
Voltage	0~90kV (Adjustable)	Focus Spot Size	5μm

Imaging Detector

Detector	Flat Panel Detector (FPD)	Pixel Size	84μm
Effective Detection Area	129*129mm	Frame Rates	20fps
Pixel Matrix	1536*1536	System Magnification	200X

Software

Auto-measuring	Internal defects of electronic components, PCBA welding quality Auto-measuring and Support Data/Graphic Output
Multiple Measuring Tools	Support Measuring Distance, Angle, Diameter, Polygon, PTH filling rate, etc.
Real-time Display	Real-time Displaying the Working Data of Voltage, Current, Angle, Date, etc
Navigation	Navigation in Visual Windows
User Friendly	Automatic conveying of reel to reel components, Easy Operation and User Friendly

Motion Control System

Movement Control	Keypad & Mouse
Max. Loading Area/Weight	300*350mm / 5kg
Max. Inspection Area	250*330mm
Manipulator	3-axis with X / Y / Z

Industrial PC

Monitor	22'' FHD LCD Display
System OS	Windows 10 64bit
Hard disk	1TB
RAM	8GB
CPU model	Intel i7 Processor

Other Features

Energy Saving	X-Ray Auto-off when it's out of work over than 5 minutes	Safety Operation	Electromagnetic Interlock and Warning Light
Authority Management	Fingerprint Access Management System, and Support Password Accessing	X-Ray Safety	<1μSv/h
Work Desk	Included		

* Specifications are subject to change without notice, All trademarks are the property of the system maker.

No.20240822

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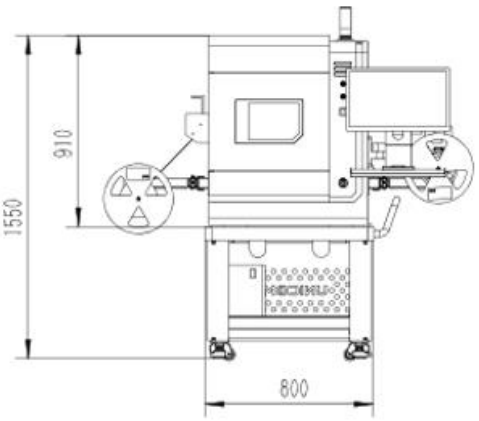
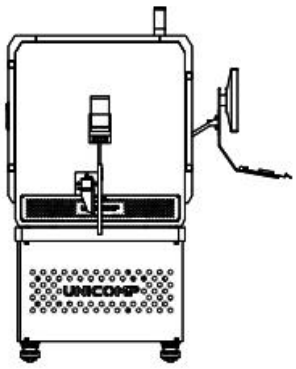
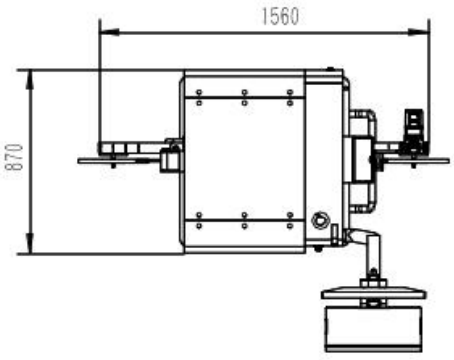
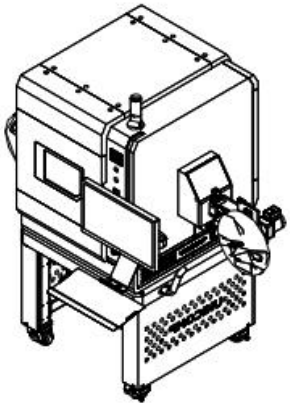
Dimensions and Appearance

Scan the QR-Code to visit more information









UNICOMP TECHNOLOGY CORPORATE:

Wuxi Unicomp Technology Co., Ltd (HQ)

TEL: +86-510-68506688 FAX: +86-510-81816018

Shenzhen Unicomp Technology Co., Ltd

Province P.R.C. Zip:518107

Chongqing Unicomp Technology Co., Ltd

+86-23-63226131 FAX: +86-23-63228366

Europe Unicomp Technology Kft.

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