



## S7000 X-ray Inspection Machine with High Definition Flat Panel Detector and Japanese Hamamatsu X-ray Tube for PCBA Detection

### Our Product Introduction

#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: WISDOMSHOW
- Model Number: S7000
- Minimum Order Quantity: 1
- Price: CN¥207,612

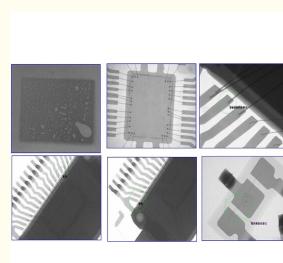
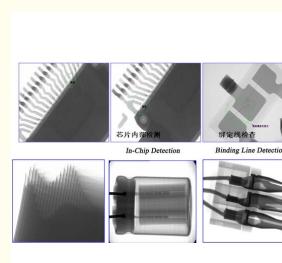
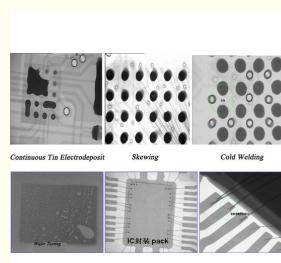


#### Product Specification

- Weight: 820 KG
- Tube Voltage: 90kv / 100kv For Option
- Tube Current: 10-200 $\mu$ A
- Detector Category: HD
- Light Tube: Closed Tube
- Pixel Matrix: 1536\*1539 PIXELS
- Supply Voltage: 110-220v
- Tube Power: 8W
- Focus Size: 5 $\mu$ m
- Geometric Magnification: Geometry 150 Times, System 1000 Times
- Image Frame Rate: 20fps
- Pixel Pitch: 85 $\mu$ m
- Load-bearing Platform: 10KG
- Detectable Size: 350\*300mm
- Total Power: 1400W



#### More Images



### Product Description

#### S7000 / 7200 SMD Inspection Machine X-ray PCBA Detection Equipment

S-7000 x-ray detection equipment with high definition flat panel detectors for LED and semiconductor package inspection.

**JUST BUY IT!**



#### Product Overview



S-7000 is a small micro-focus X-ray inspection equipment, a high-performance, cost-effective inspection system composed of Japanese Hamamatsu micro-focus X-ray tubes and high-definition flat-panel detectors.

### Core Advantage

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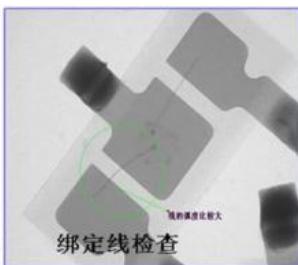
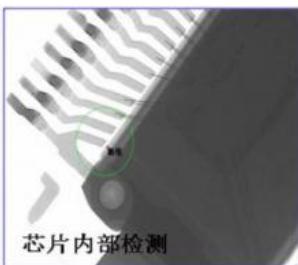
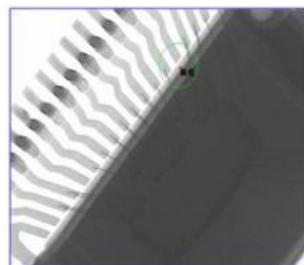


The two main components of X-RAY are: X-ray source and detector. The X-ray source is Japanese HAMAMATSU, and the detector is an Iray ultra-high-definition digital flat-panel detector.

### HAMAMATSU X-ray Source

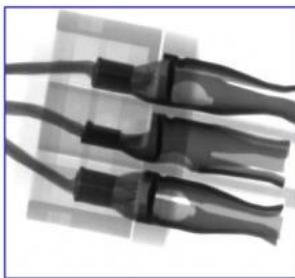
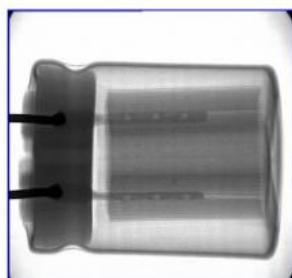
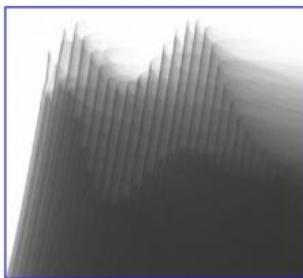
Hamamatsu Photonics Co., Ltd., established in 1953, is an optical science and optical industry company with the highest level of technology and the largest market share in the world. HAMAMATSU's X-ray source is currently the world's longest life, best stability, best imaging effect, and the service life can reach 12-15 years.

### IRAY Flat Panel Detector



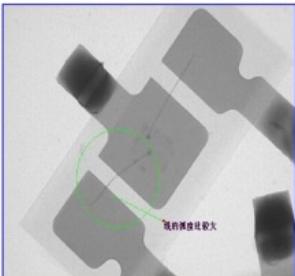
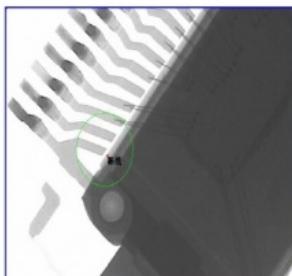
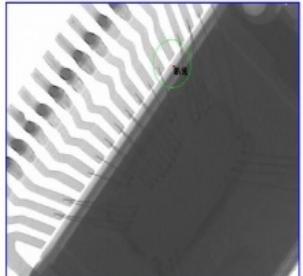
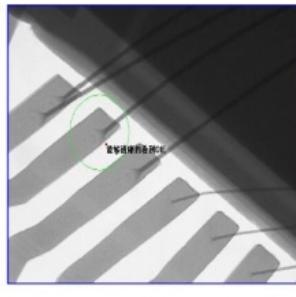
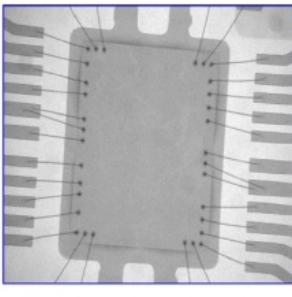
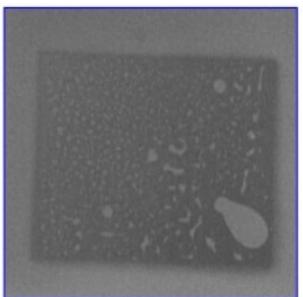
*In-Chip Detection*

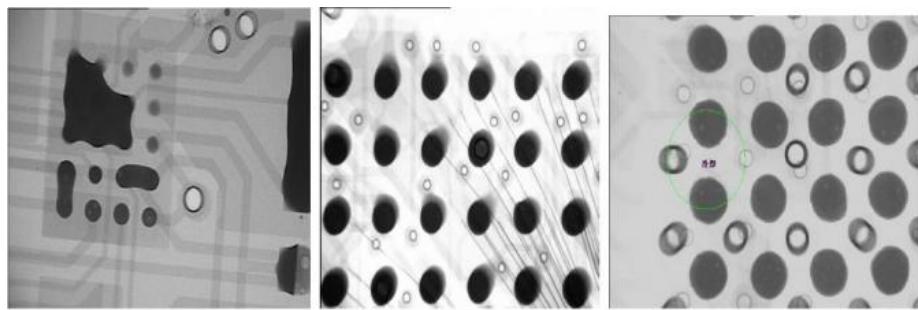
*Binding Line Detection*



Iray's headquarters is located in the Zhangjiang East District Medical Device Park, Pudong, Shanghai. It focuses on the development and production of amorphous silicon flat panel detectors, a key component of medical imaging equipment. The designed product life can reach 15-20 years.

### Product Features

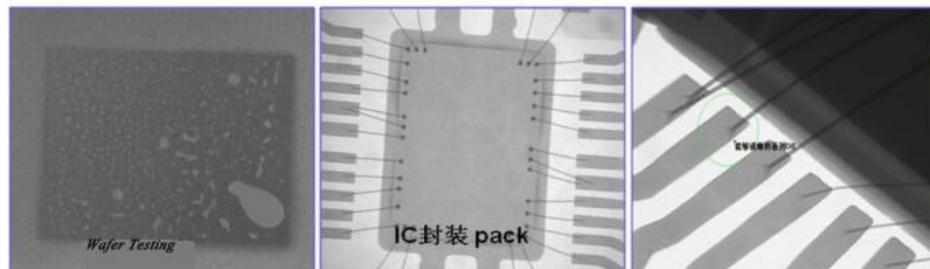




**Continuous Tin Electrodeposit**

**Skewing**

**Cold Welding**



Suitable for electronics manufacturing, semiconductors, microwave devices, LEDs, connectors, etc.

High-definition detection images for detecting product misalignment, continuous tin, virtual solder, air bubbles, etc.

Using Hamamatsu 90 KV 15μm light tube, maintenance-free and long life

With CNC function for automatic detection and judgment of NG, PASS, OR

Digital high-definition flat panel detector

4-axis linkage control system

## Product Parameters

Parameter	Specification
Model	S-7000
X-ray Source	Sealed micro-focus ray source
Tube Voltage	90KV
Tube Current	10-200μA
Tube Power	8W
Focus Size	5μm
Geometric Magnification	Geometry 150 times, system 1000 times
Cooling Method	Air-cooled
Detector Type	Digital HD flat plate detector
Pixel Matrix	1536*1536 pixels
Image Frame Rate	20fps
Pixel Pitch	85μm
Computer	DELL Windows10
Load-bearing Platform	10KG
Detectable Size	350*300mm
Total Power	1400W

Equipment Size	930*930*1750mm
Equipment Weight	About 800KG
Supply Voltage	110-220V 50-60Hz

## 部分合作客户



## Certifications & Qualifications

### Qualification





#### CERTIFICATE OF REGISTRATION

This is to certify that the Management System established by

**Shenzhen Wisdomshow**

**Technology Co., LTD.**

4th Floor , Hua Fa Industrial Park, Xinha Section, Fuyan 1 Road, Fuyong Street, Bao'an, Shenzhen, China

Has been assessed to comply with the requirements of the international standard

**ISO9001:2008**

Scope of certification

BGA Rework Station Design,Development and Assembly; Intelligent Controller Assembly

401,19192K67TR00 DATE OF ISSUE: Aug 12,2012

401,19197, Aug 12,2012

ISO 9001:2008

ISO 9001:200



## Company Information

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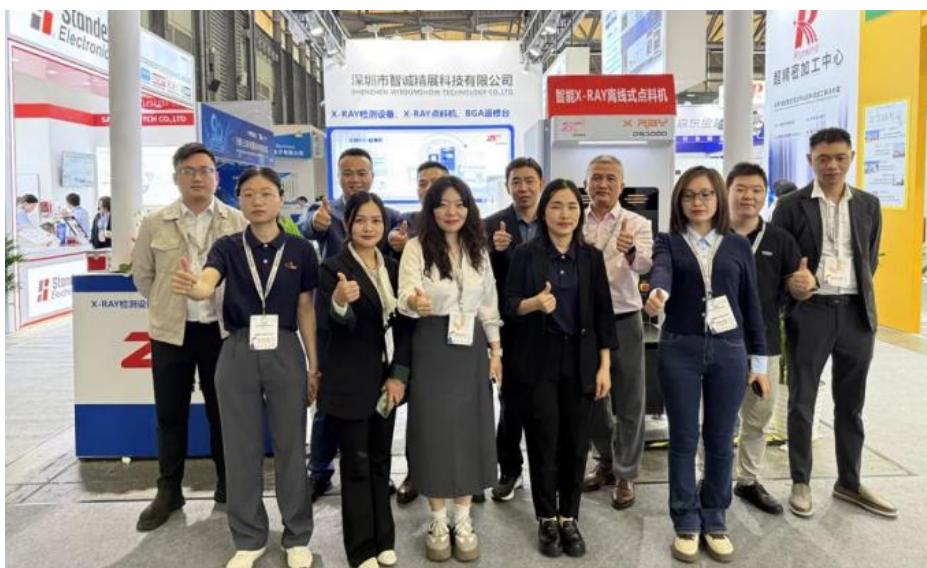


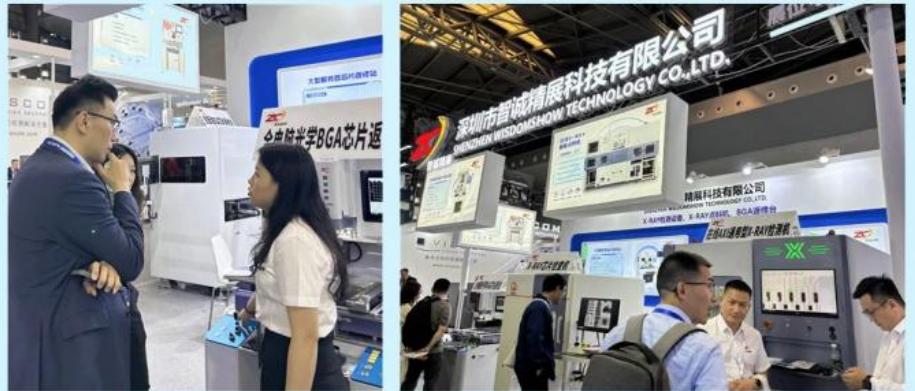




Shenzhen Wisdomshow Technology Co., Ltd. was founded in 2011 by a team of experienced engineers and sales experts. Specializing in BGA rework stations and X-RAY inspection equipment, the company has grown rapidly through continuous R&D and technological innovation. In 2015, it expanded into the X-RAY field, launching several advanced inspection systems. Our factory bases on Shenzhen Baoan, has about ten thousand square meters.

With ISO9001 and CE certifications, multiple patents, and strong customization capabilities, Wisdomshow serves clients across Asia, Europe, and North America. Its solutions are widely used in server motherboard repair, LED assembly, and smartphone production. Guided by the principles of professionalism, innovation, and integrity, the company continues to earn global trust and recognition.







## Our Advantages and Service

Contact:

24 hours technical support by email or calling

**Warranty:**

One year free, but all the other relative cost should be on the buyer's account

**Technology Support:**

Provide Demo operation video for training; If you have time, welcome to our company, we will arrange engineers to show you the operation

**Service:**

Friendly English User manual provided; Good and professional after-sales service

**Price:**

Give great discount to AGENCY to ensure agents profit



----- DOCUMENT RECEIVED, FILED, & ACKNOWLEDGED -----

This automated notification from the CeSub Submission Process contains general information about the aforementioned submission:

Accession Number: **2432788-000**

Date Loaded: **Sep 30, 2024**

Document Date: **Sep 27, 2024**

Establishment Name: **SHENZHEN WISDOMSHOW TECHNOLOGY CO.,LTD**

Purpose: **This submission is a(n) Annual Report. These Cabinet X-Ray Systems, Non-Medical cover the period from July 01, 2023 to June 30, 2024.**

Submitter: **Wallace Xu**

Email: **wallace.xu@fdace.cn**

Reporting Official: **Ziwen Li**

Email: **dwd@wdsbga.cn**

If you meet all other applicable FDA requirements, you may market the product(s) reported. Please be aware that additional electronic product radiation control or medical device regulations may apply to your product, such as:

21 CFR 1002.11, requiring report supplements under certain circumstances following the same reporting forms as used for product reports on your products

21 CFR 1002.13, requiring annual reports to be submitted each year by September 1 using the appropriate reporting form for annual reports

21 CFR 1010 - 1050, requiring certification to FDA radiation safety performance standards

21 CFR 807, requiring manufacturer registration and device listing, and

21 CFR 807, 812 and 814, requiring medical device clearance or approval

For further information see:

Radiological Health web site - <http://www.fda.gov/Radiation-EmittingProducts/default.htm>

FDA Electronic Submissions Gateway website -  
<http://www.fda.gov/ForIndustry/ElectronicSubmissionsGateway/default.htm>

If you have any questions, please contact the Director of the Division of Radiological Health, or the branch chief of your respective product area, as listed on the CDRH Management Directory, under the Office of In Vitro Diagnostics and Radiological Health, Division of Radiological Health.

<http://www.fda.gov/AboutFDA/CentersOffices/OfficeofMedicalProductsandTobacco/CDRH/CDRHOFFICES/ucm127854.htm>

Please include a primary (and optional secondary) contact email address in all submissions (and/or cover letters) to facilitate electronic correspondence.

Sincerely yours,

Division of Radiological Health

Office of In Vitro Diagnostics and Radiological Health

Center for Devices and Radiological Health



证书号 第 16583817 号



## 实用新型专利证书

实用新型名称: X-Ray 检测平板自动旋转机构

发明人: 孙尚坤

专利号: ZL 2021 2 0400163.4

专利申请日: 2021 年 02 月 23 日

专利权人: 深圳市智诚精展科技有限公司

地址: 518000 广东省深圳市宝安区沙井街道西环路蚝四西部工业区 6 号 7 栋 202

授权公告日: 2022 年 05 月 24 日 授权公告号: CN 216594856 U

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局长  
申长雨

申长雨



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其他事项参见续页

证书号 第 13058639 号



## 实用新型专利证书

实用新型名称：一种智能 X 射线的三维透视检测设备

发明人：陈近刚

专利号：ZL 2020 2 0970702.3

专利申请日：2020 年 06 月 01 日

专利权人：深圳市智诚精展科技有限公司

地址：518000 广东省深圳市宝安区沙井街道西环路蚝四西部工业区 6 号 7 栋 202

授权公告日：2021 年 04 月 27 日 授权公告号：CN 213068684 U

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局长  
申长雨

申长雨



2021 年 04 月 27 日

第 1 页 (共 2 页)

其他事项参见续页

## Buyer Feedback

### Our Customers' Voice:

"Hi mate, your best price and high purity product is so competitive in my country, this let me make much profit, my customers are really like it. cooperate with you is so wonderful! thank you!" — Richard, Turkey

"I have received my products, your packing is do discreet and perfect, it really amazed me. I will order more from you as soon as possible. thanks a lot." — Robert, Australia

"I have cooperated with you for many times, your product quality is so great, that is why I still buy the products from you. thank you." — Corentin, Brazil

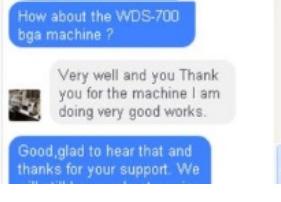






Hello Aait, how are you ? about one years passed, if you remember me ? Aaha, for the machine WDS-620 supplier.

you  
what's new

Are you still working today ?

yes  
I know how about the use of WDS-620 ?  
Is it a good helper for your company ?

we used it its working fine

Good, glad to hear that . At the end of last year, we have

many works since a get  
machine 😊

How about the WDS-400  
bga machine ?

next year i buy another  
machine to you, i upgrade  
to semi automatic, pick  
and place machine

WDS-400 is good, i got  
already the money i spend  
for it 😊

C'est une excellente machine, j'ai lu qu'on pouvait mettre une micro SD avec des données, avez-vous une avec des données pour des pc et smartphones Apple ?

How about the WDS-700 bga machine ?

Very well and you Thank you for the machine I am doing very good works.

Good, glad to hear that and thanks for your support. We





## Order Now

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If any questions please send INQUIRY or CHAT with us,

We will be glad to service you!

Now you can order freely!!!

Plz Contact me as below guide, we are glad to give you the best price!

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## Related Products

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WDS-S7



WDS-620



WDS-650



WDS-750



WDS-800A



WDS-1250



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