PZ MEDICAL
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Shanghai PZ Medical Technology co. ltd.



We focus only on Flat Panel Detector

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The Founder

Mr. Yixin, Li (Peter Li)



First elected ‚ZJ Talent' of Shanghai

Distinguished observer

Technical committee for standardization of national medical device, specialized in Radiological devices and utensils.

Interest and talent: **Born in an academic family, Mr. Li starts his interest of physics at an very early age, and determined to become a physicist.**

Excellent personal development:

As the top student with the best score in the whole province, Mr. Li joined the physics faculty of Peking University.

And Mr. Li studied further in Michigan University in the US with Dr. Larry E. Antonuk, the principal investigator of the Flat Panel Imager Group.

Experience with Flat Panel Detector:

Mr. Li developed the first flat panel detector in China, and realized the mass production and sales of flat panel detectors in China and world wide.

In order to persuade the market with product quality and service, in 2013, Mr. Li established his own company, Shanghai PZ Medical Technology co. Ltd.

Leadership:

Oriented from his academic background, Mr. Li is committing the daily management in a rigorous, but open and innovative way, which is encouraging each PZ colleagues to work with great enthusiasm and with a highly self-disciplined attitude.

He always says: There is no miracle, only the persistence brings.

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The Team

Focus **Diligent** **Share**









Simplicity: Simple and efficient communication.

Open discussion and fast solutions for question and problem

Innovation and creativity

Persistence: Accumulate continuously will bring the qualitative leap, and breakthroughs will follow.

Well educated PZ colleagues come from different cities, areas of China, they are open-minded, energetic, experienced and with understanding hearts. Even the end users at the other end of the world can feel this harmonious power, which turns into the confidence and persistence for our partners in the local markets.

Working together, instead of against each other

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The Company

All-around: PZ Medical is a high-Tech enterprise, which combines R&D, mass production, distribution, service and support for Flat Panel detectors and related image acquistion systems as one.

Strong R&D team: 86 colleagues, 50% of them are working for R&D department, and many of them are from Peking University.

Highly concentrated: We concentrate on and only on the development of flat panel detectors and its related solutions, apply always the most advanced Technology into our panels.

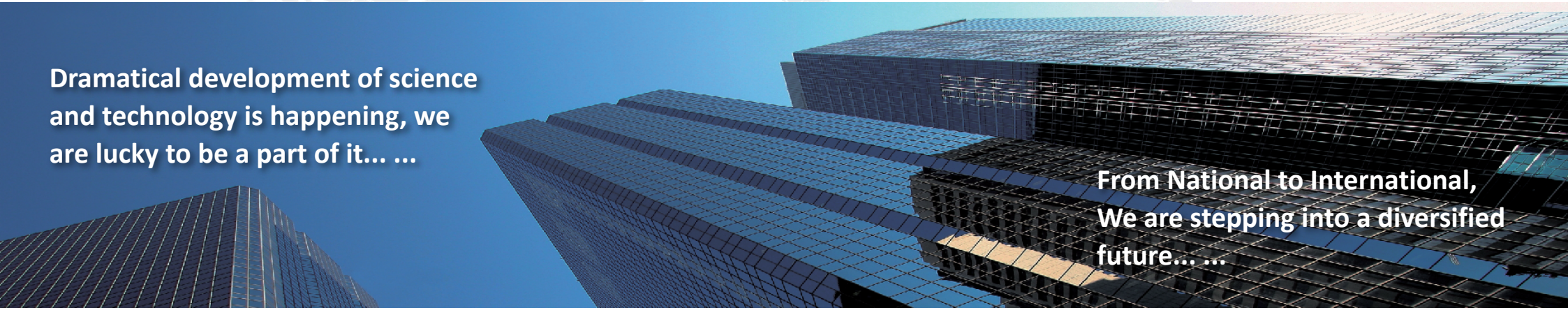
Applications: With the outstanding product quality and efficient and warm service, PZ Medical is launching PZ Panels successfully in fields of Human Medicine, Veterinary, dental, security, globally.

CFDA, FDA, CE certified: PZ Panels, distributed in different areas, satisfies with local standards, and certified with CFDA, FDA and CE.

PZ (品PIN3臻ZHEN1): PIN is quality; ZHEN is Precise and Perfect: each PZ Panel is an accomplishment from the highly Motivated and disciplined PZ colleagues.

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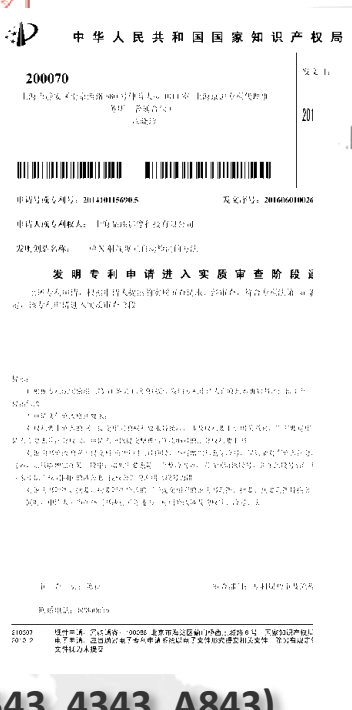
Development



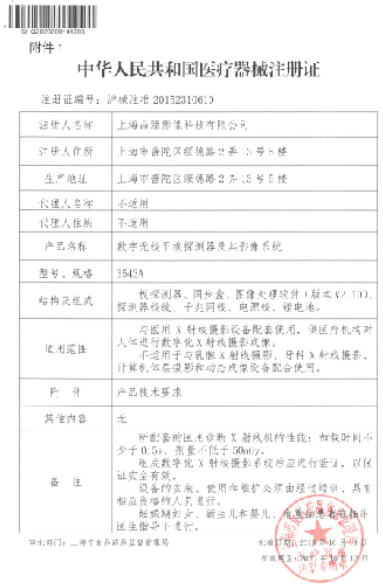
2013	2014	2015	2016	2017	2018	2019	2020
establishment	Preparation	Certified	development	Capacity	International	Exploration	New Capabilities
	Successful R&D for 3543A, wireless extreme long sstandby time, 3S image uploading	CFDA CE FDA	The first dental flat panel detector in China	The largest Flat Panel detector in the world: 108cm, A843	Establishments of Subsidiaries in the US and India	The first 12' flat panel detector for small C-arm and establishment of PZ Medical GmbH in Germany	Promotion of Z series, Static and dynamic, four in one, 99μm

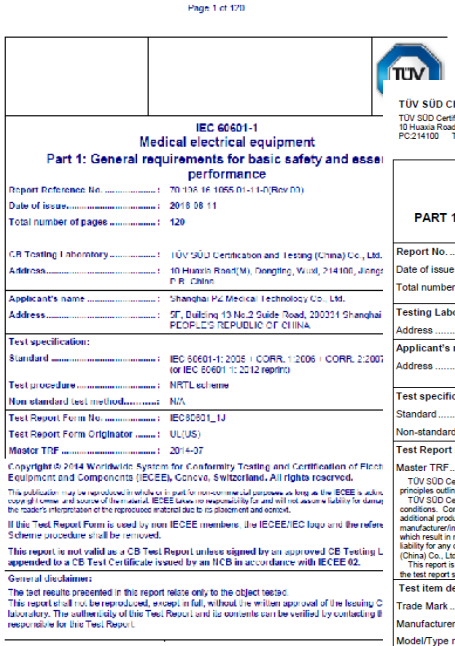
Our Qualifications

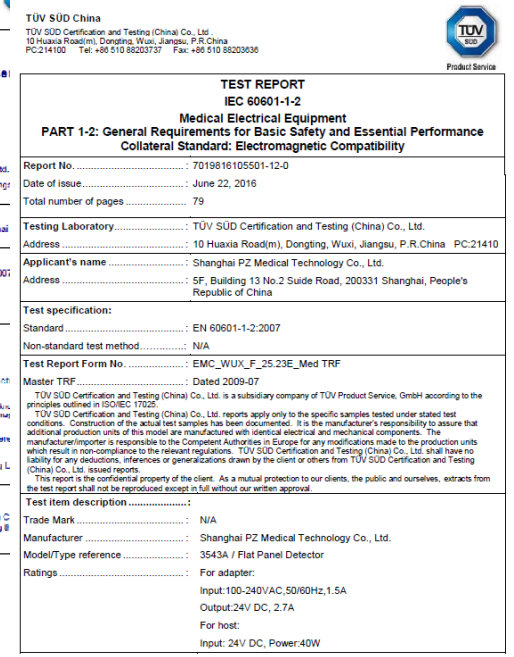

发 明 专 利 证 书


中华人民共和国国家知识产权局

发明专利申请进入实质审查阶段


中华人民共和国医疗器械注册证


IEC 60601-1
Medical electrical equipment
Part 1: General requirements for basic safety and assa
performance


TÜV SÜD China

TEST REPORT
IEC 60601-1-2
Medical Electrical Equipment
PART 1-2: General Requirements for Basic Safety and Essential Performance
Collateral Standard: Electromagnetic Compatibility

- 20+ Critical Patents
- CFDA Registration (3543, 4343, A843)
- CE Registration (3543, 4343, 2925, A843)
- FDA Registration (3543, 4343, 2929, A843)
- National High-Tech Company Certificate

The World's Largest Panel – PZ A843B



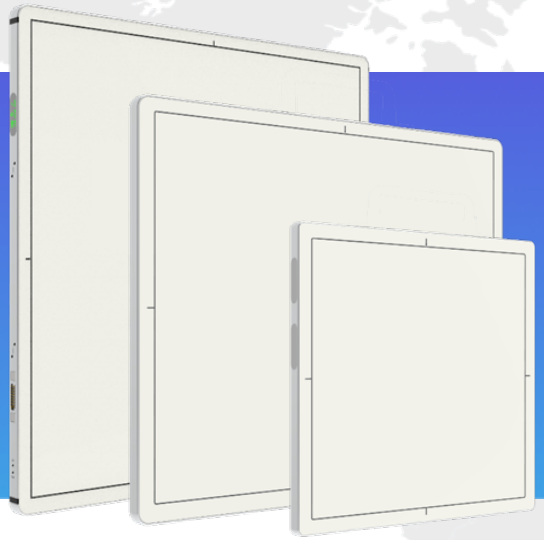


Our Qualifications

- Pediatrics & Chiropractic
- NDT of large objects
- Veterinary science research
- Applications require large area
- Full spine one shot
- No Stitching
- 139um Pixel Pitch
- Full size of GOS
- 7680 x 3072
- 108 x 43cm^2 Active Area
- Released Sept 2018

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The Products



Static and dynamic

IP56

99μm

Notification:

The introduction here are mainly for newly launched PZ Panels, please kindly refer to our booth for details of our panels, which are already in the markets.

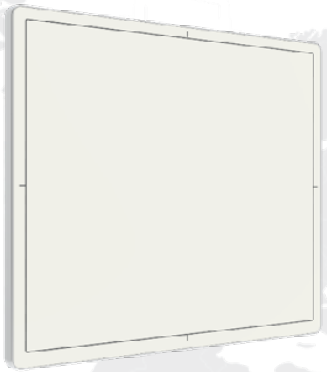
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The Products



2925Z Static

- Image Size: 25×29cm
- Pixel Matrix: 2048×1792
- Pixel Pitch: 139μm
- Weight: 1.6kg(wired)
  1.9kg (wireless)



3543Z Static

- Image Size: 35×43cm
- Pixel Matrix: 2560×3072
- Pixel Pitch: 139μm
- Weight: 2.9kg(wired)
  3.3kg (wireless)



4343Z Static

- Image Size: 43×43cm
- Pixel Matrix: 3072×3072
- Pixel Pitch: 139μm
- Weight: 4.5kg(wired)
  3.9kg (wireless)

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The Products



1613D

- Image Size: 16×12.8cm
- Pixel Matrix: 1280×1024
- Pixel Pitch: 125μm
- Weight: 1.25±0.1kg



2925Z Dynamic

- Image Size: 25.09×28.67cm
- Pixel Size: 2048×1792
- Pixel Pitch: 139μm
- Weight: 2±0.3kg



2929Z Dynamic

- Image Size: 29×29cm
- Pixel Size: 2048×2048
- Pixel Pitch: 139μm
- Weight: 2.7kg



4343Z Dynamic

- Image Size: 43×43cm
- Pixel Size: 3072×3072
- Pixel Pitch: 139μm
- Weight: 4.5±0.5kg

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The Products









3025ZF

- Image Size: 25.09×30.5cm
- Pixel Matrix: 3108×3956
- Pixel Pitch: 77μm
- Weight: 1.6kg(wired)
  1.9kg (wireless)

3543ZF

- Image Size: 35×42.6cm
- Pixel Matrix: 3534×4302
- Pixel Pitch: 99μm
- Weight: 2.3kg (wired)
  2.6kg (wireless)

4343ZF

- Image Size: 42.6×42.6cm
- Pixel Matrix: 4302×4302
- Pixel Pitch: 99μm
- Weight: 2.6kg (wired)
  2.9kg (wireless)

A843B

- Image Size: 108×43cm
- Pixel Matrix: 7680×3072
- Pixel Pitch: 139μm
- Weight: 9.6kg (Wired)
  10kg (Wireless)

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The Products

2925Z Static



.Detector Type:	A-Si
· Scintillator:	CSI/GOS
· Pixel Size:	25cm×29cm
· Pixel Matrix:	2048×1792
· Pixel Pitch:	139μm
· Image Acquisition Time:	1s（wired）/1～2s（wireless）
· Weight:	1.6kg（wired）/1.9kg（wireless）

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The Products

3543Z Static

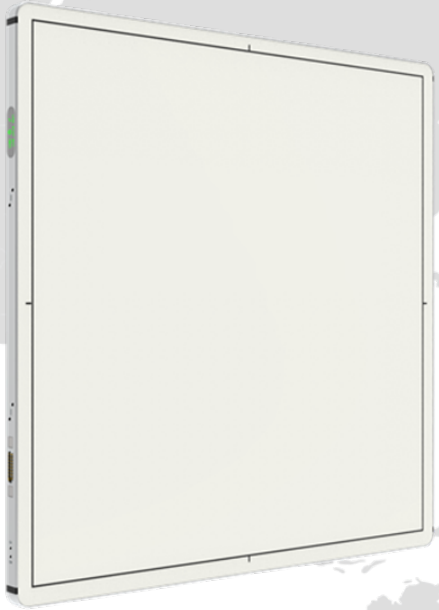


- Detector Type: A-Si
- Scintillator: CSI/GOS
- Image Size: 35cm×43cm
- Pixel Matrix: 2560×3072
- Pixel Pitch: 139μm
- Image acquisition time: 1s（wired）/2.5s（wireless）
- Weight: 2.9kg（wired）/3.3kg（wireless）

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The Products

4343Z Static



- Detector Type: a-Si
- Scintillator: CSI/GOS
- Image Size: 43cm×43cm
- Pixel Matrix: 3072×3072
- Pixel Pitch: 139μm
- Image Acquisition Time: 1s（wired）/2～3s（wireless）
- Weight: 4.5kg（wired）/3.9kg（wireless）

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The Products

1613D

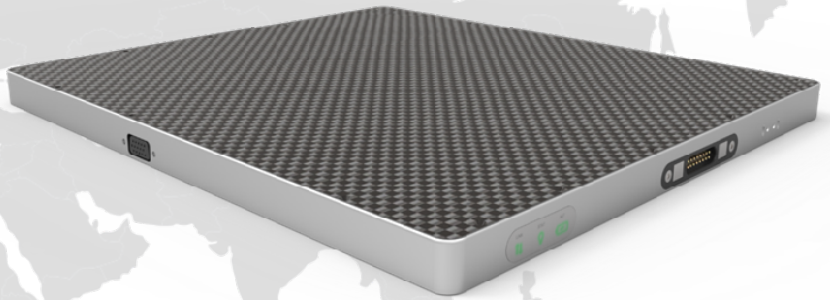


- Detector Type: A-Si
- Scintillator: CSI
- Image Size: 16cm×12.8cm
- Pixel Matrix: 1280×1024
- Pixel Pitch: 125μm
- Frame rate (fps, 1x1): 30fps
- Frame rate (fps, 2x2): 60fps
- Weight: 1.25±0.1kg

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The Products

2925Z Dynamic



- Detector Type: A-Si
- Scintillator: CSI
- Image Size: 25.09cm×28.67cm
- Pixel Matrix: 2048×1792
- Pixel Pitch: 139μm
- Frame rate (fps, 1x1): 10fps
- Frame rate (fps, 2x2): 30fps
- Weight: 2±0.3kg

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The Products

2929Z Dynamic

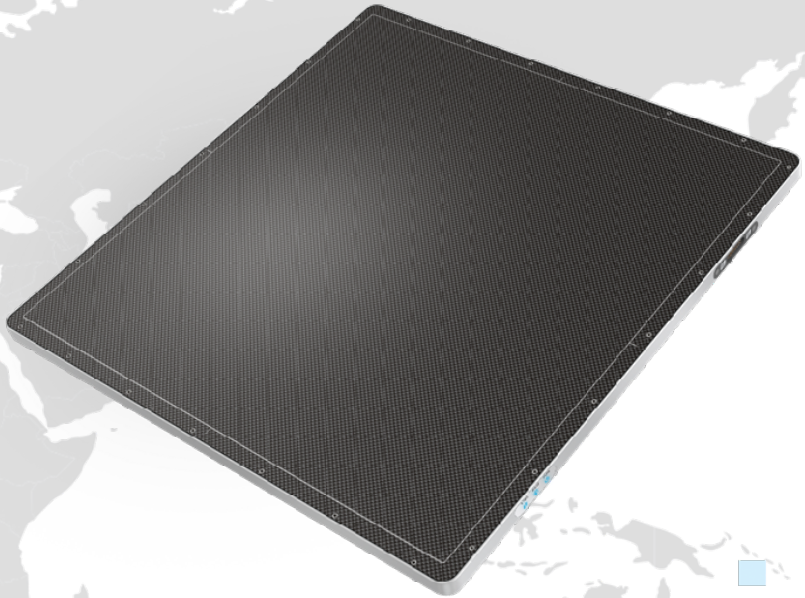


- Detector Type: A-Si
- Scintillator: CSI
- Image Size: 29cm×29cm
- Pixel Matrix: 2048×2048
- Pixel Pitch: 139μm
- Frame rate (fps, 1x1): 10fps
- Frame rate (fps, 1x1): 30fps
- Weight: 2.7kg

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The Products

4343Z Dynamic



- Detector Type: a-Si
- Scintillator: CSI
- Image Size: 43cm×43cm
- Pixel Matrix: 3072×3072
- Pixel Pitch: 139μm
- Frame rate (fps, 1x1): 4fps
- Frame rate (fps, 2x2): 15fps
- Frame rate (fps, 4x4): 25fps
- Weight: 4.5±0.5kg

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The Products

3025ZF



- Detector Type: a-Si
- Scintillator: CSI
- Image Size: 25.09cm×30.5cm
- Pixel Matrix: 3108×3956
- Pixel Pitch: 77μm
- Image Acquisition time: 1s（wired）/1～2s（wireless）
- Weight: 1.6kg（wired）/1.9kg（wireless）

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The Products

3543ZF

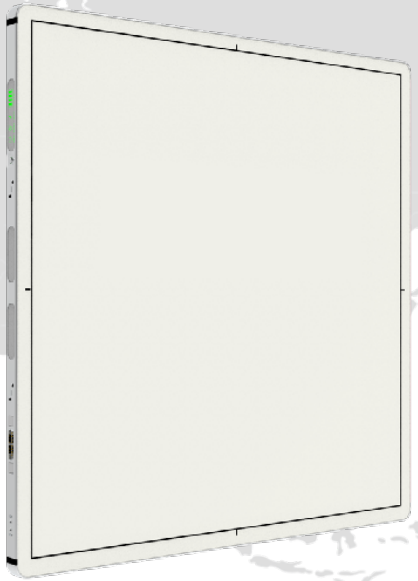


- Detector Type: a-Si
- Scintillator: CSI
- Image Size: 35cm×42.6cm
- Pixel Matrix: 3534×4302
- Pixel Pitch: 99μm
- Image Acquisition Time: 1s（wired）/2.5s（wireless）
- Weight: 2.3kg（wired）/2.6kg（wireless）

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The Products

4343ZF



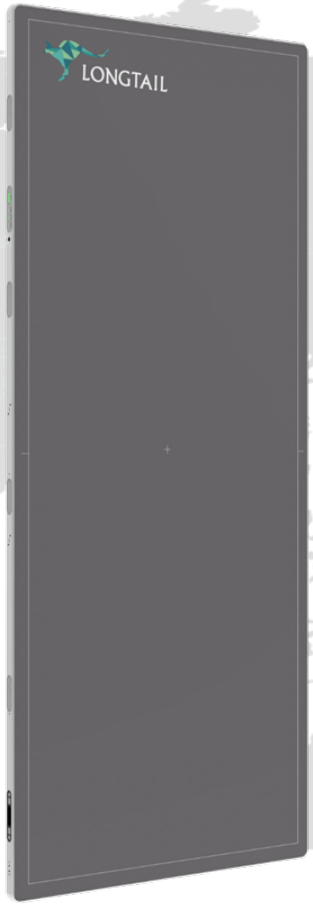
- Detector Type: a-Si
- Scintillator: CSI
- Image Size: 42.6cm×42.6cm
- Pixel Matrix: 4302×4302
- Pixel Pitch: 99μm
- Image Acquisition Time: 1s（wired）/2～3s（wireless）
- Weight: 2.6kg（wired）/2.9kg（wireless）

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The Products

A843B

- Detector Type: a-Si
- Scintillator: GOS
- Image Size: 108cm×43cm
- Pixel Matrix: 3108×3956
- Pixel Pitch: 139μm
- Image Acquisition Time: 3s（wired）/5～7s（wireless）
- Weight: 9.6kg（wired）/10kg（wireless）



Product Features

- Slim, Light, Wireless
- Anti-Drop, Water Proof
- Longest Battery Hours

- Universal Adaptable
- Flexible Timing
- Flexible Configuration

- High Speed Wireless
- Immediate Imaging



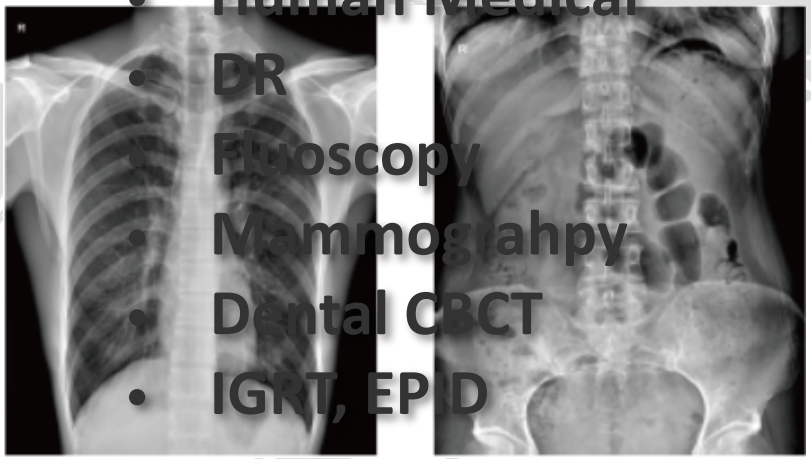
- Ultra Stable Communication
- Meets Medical Standard
- Works in Worst Industrial Env.

- Strict Design Verification
- False-proof Calibration
- Remote Support

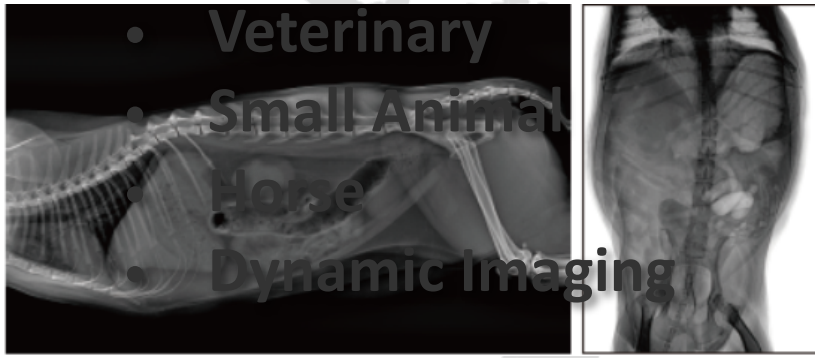
- Own Patent
- High Speed/No Dose Loss
- Perfect Image

Applications

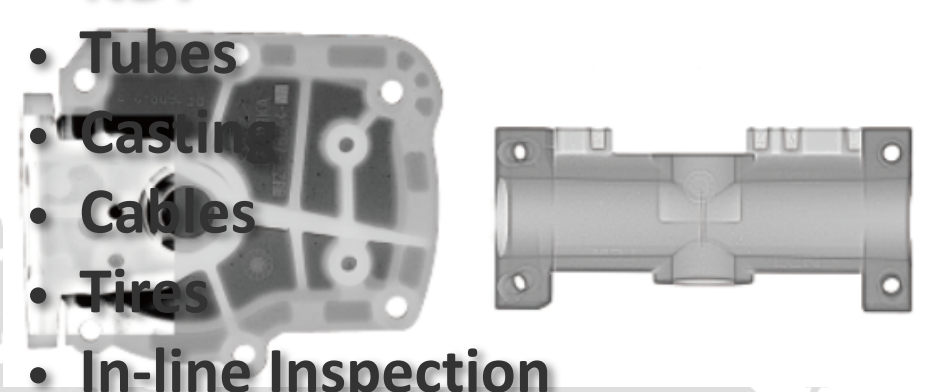
- Human Medical
- DR
- Fluoscopy
- Mammograhpy
- Dental CBCT
- IGRT, EPID



- Veterinary
- Small Animal
- Horse
- Dynamic Imaging



- NDT
- Tubes
- Castin
- Cables
- Tires
- In-line Inspection



- Security
- Packages
- Border Control



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THANKS

谢谢观看