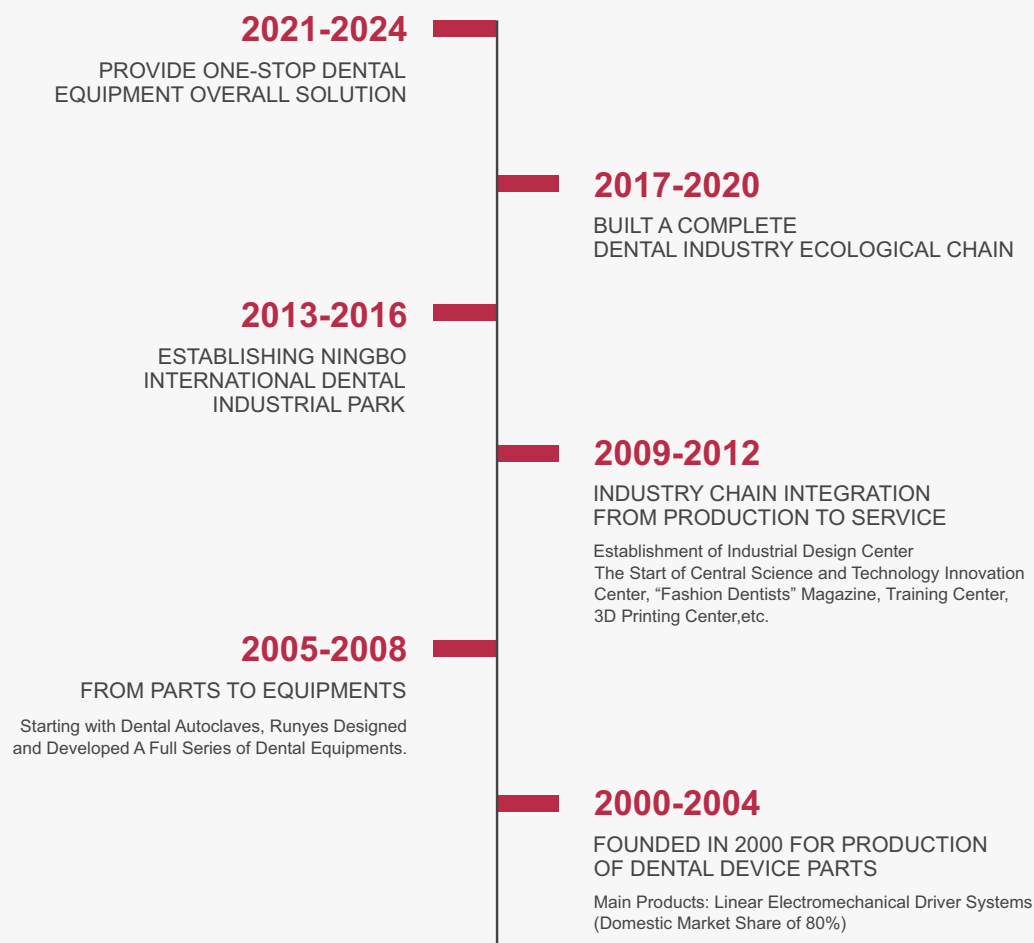


YOUR ONE-STOP SOLUTION

OUR STORY



Runyes Medical Instrument Co.,Ltd.

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Revision: 202309



Facebook



Instagram

Perfect your Clinic!

CONTENTS

- AC X-RAY
- DC X-RAY
- PORTABLE X-RAY
- DIGITAL SENSOR
- PHOSPHOR PLATE SCANNER



AC

X-Ray Series



Mobile X-Ray
RAY68(M)-D



Wall Mounted X-Ray
RAY68(W)



Wall Mounted X-Ray
RAY68(W)-2.0



Mobile X-Ray
RAY68(M)-B

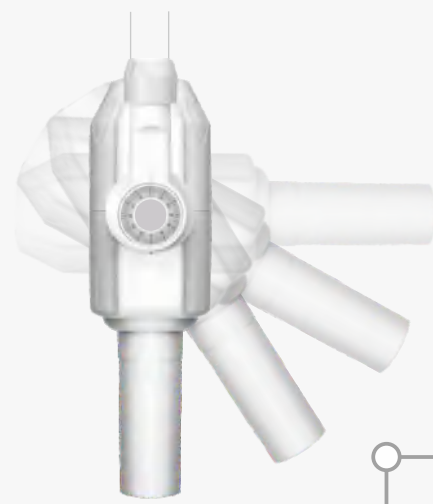
IMAGING
START

01



02





The telescopic arm can be operated with a broad angle.
The coaxial axis can be rotated 370° on horizontal and 320° in vertical.

RAY68(M)-D



Convenient hand control support

Original imported universal wheel:
Smooth and flexible movement,
shock absorption without noise

RAY68(M)-B



CANON (Toshiba)
X-ray tube

Leather wrapped patient seat
& back rest beautiful and comfortable

MORE CLEAR IMAGES

Show You Closer To The New Vision Of Dentistry

The world's scenery is wonderful, ranging from the vast expanse of the starry sky to the wonderful and extraordinary micro-world. The human-beings are always on the way of exploring. In the field of dentistry, Runyes Group spent several years of painstaking research and finally had Runyes industrial frequency X-ray series coming out. With its simple and stylish design, convenient and easy operation, as well as the high-definition imaging quality, it quickly became popular all over the world, which is a milestone victory in the development history of Runyes Group.

➔ Microprocessor Control

Easy operation, the exposure time can be set as required.

➔ Open Consumables

All types of dental films on the market can be applicative.

➔ Special-designed Telescopic Arm

Flexible movable arm making the operation easier.

Parameters Instruction

Power Voltage:AC 230V	Bulb Tube: Canon (Toshiba)	Duty Cycle:1/30
Frequency:50/60Hz	Ray Focal Spot:0.7mm	Half Value Layer:70Kv 1.6mm Al
Maximum Power:900VA	Bulb Tube Voltage:70Kv ± 10%	Inherent Filtration:≥2.1mm Al
Electricity:4A	Anode Current:7mA ± 20%	Leakage Radiation:1meter ≤ 0.14mGy/h
Fuse:6.3A	Anode Angle:16°	Time Of Exposure:0.06—2.0s



RAY68(W)

The telescopic arm can be operated at a large angle, Tubehead can be rotated 370° on the horizontal plane to meet the shooting needs of various angles.

Integrated timer
Reliable and stable

Hand panel
Anti-drop design

Convenient hand control operation setting
Intelligent exposure parameters



RAY68(W)-2.0

New generation timer,
With integrated operating system

CAN ALSO SHOW EVEN IN SMALL ROOM

The launch of RAY68(W) and RAY68(W)-2.0 gives users more choices, they can be installed on the wall, saving more space and matching perfectly with the clinic, even in small room.

The Industrial Frequency Series Adopt The Original Japan-Imported Canon Tubehead

Precise time control: Microprocessor technology accurate the exposure time to 0.01s and with digital display, it can immediately give the alarm with fault code display function, parameters can be reset and reserved to the digital shooting mode, compatible with any brand of digital sensor.

Perfect
Your Clinic

Parameters Instruction

Power Voltage:AC 230V	Bulb Tube: Canon (Toshiba)	Duty Cycle:1/30
Frequency:50/60Hz	Ray Focal Spot:0.7mm	Half Value Layer:70Kv 1.6mm Al
Maximum Power:900VA	Bulb Tube Voltage:70Kv ± 10%	Inherent Filtration:≥2.1mm Al
Electricity:4A	Anode Current:7mA ± 20%	Leakage Radiation:1meter ≤ 0.14mGy/h
Fuse:6.3A	Anode Angle:16°	Time Of Exposure:0.06—2.0s

DC
X-Ray Series



GORGEIOUS
UPDATE



—

Break Through
The Barriers Of Low Frequency

LOW RADIATION HIGH RESOLUTION IMAGING

The new generation of Runyes high-frequency X-ray machine, the combination of products and technology provides high-quality imaging while reducing radiation, providing a safer experience for doctors and patients.



CORE ADVANTAGES OF HIGH FREQUENCY SERIES

- Novel design, perfectly match with your clinic.
- Adopting the method of “voltage preset and feedback adjustment”, with high control accuracy.
- Adopting closed-loop control, anode voltage (kV) and anode current (mA) will not be affected by input voltage fluctuations and are relatively stable.
- High-frequency dental X-ray machines can eliminate soft radiation, operators and patients will suffer less radiation dose.
- The high frequency machine has stable output spectrum, with less scattered X-rays and clear images.



Ergonomic design
Leather wrapped backrest

Leather wrapped patient seat,
Free height adjustment meet
the needs of different patients

The mobile model adopts
imported universal wheels,
which is convenient to move
without noise



Parameters Instruction

Power Voltage:AC 110V-240V	Bulb Tube: Canon (Toshiba)	Duty Cycle:1/30
Frequency:50/60Hz	Ray Focal Spot:0.4mm	Half Value Layer:65Kv
Maximum Power:1100VA	Bulb Tube Voltage:65Kv ± 10%	Inherent Filtration:≥ 2.1mm Al
Electricity:5A	Anode Current:7mA ± 20%	Leakage Radiation:1meter ≤ 0.14mGy/h
Fuse:10A	Anode Angle:12.5°	Time Of Exposure:0.04—2.0s

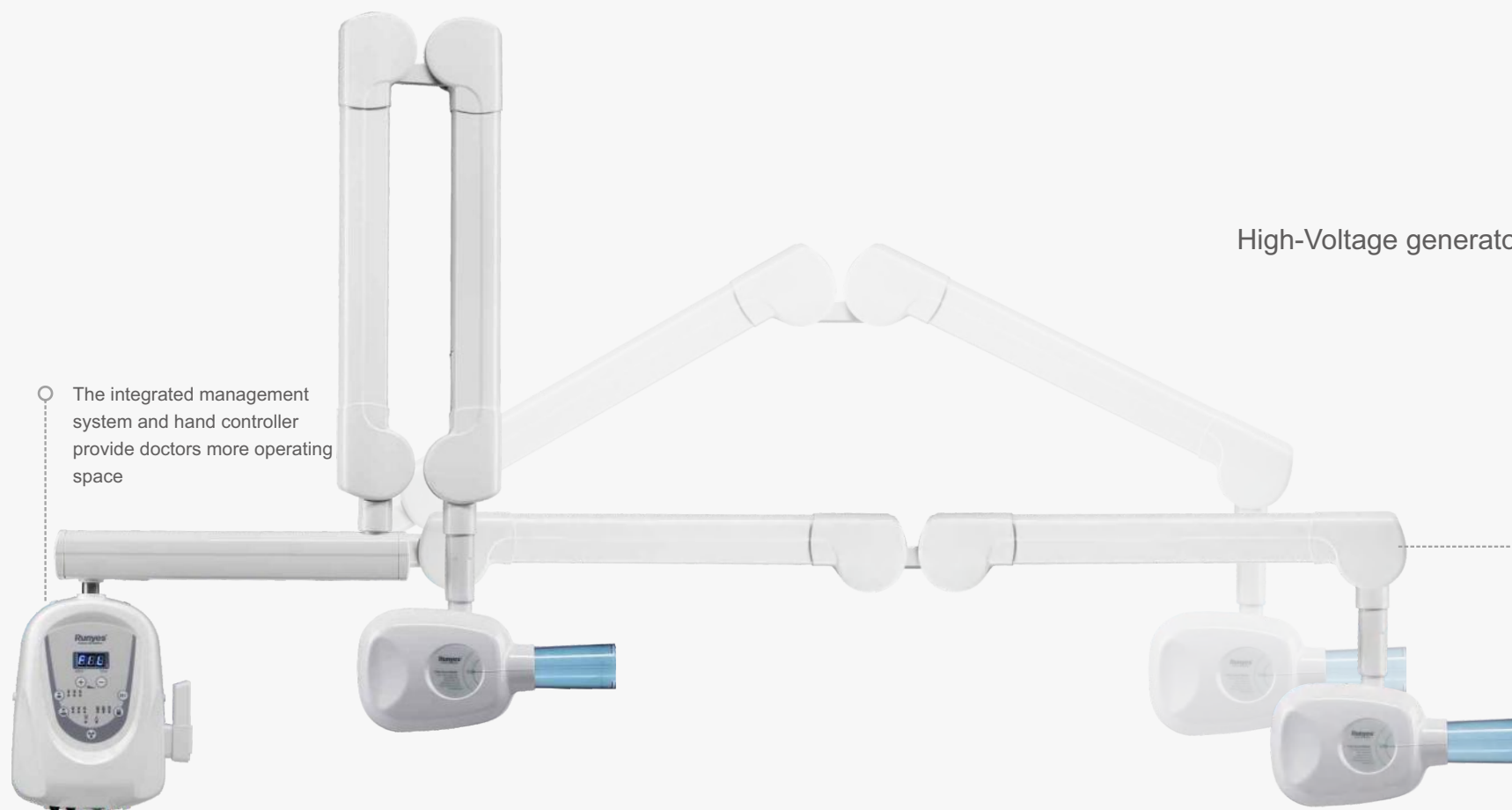


DC X-Ray

Canon 0.4 Micro Focus
High-Voltage generator adopts Japan imported tube
Strong power adaptability

EASY CONTROL

- Ergonomic design
- More comfortable to operate
- Fast and accurate positioning

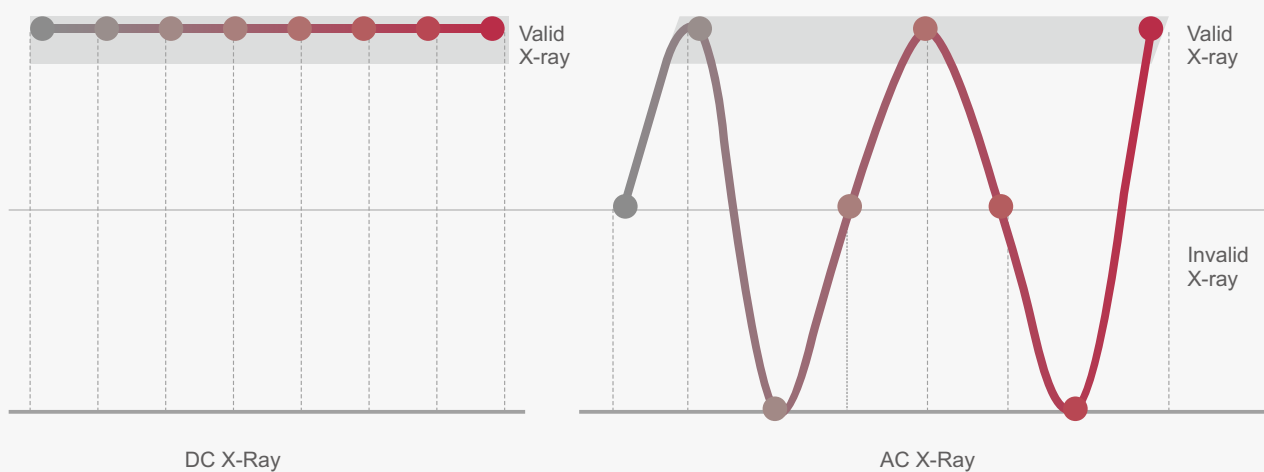


The integrated management system and hand controller provide doctors more operating space

The tube can be positioned at different angles, arm can be stretched to a distance of 2.1m

Waveform Comparison

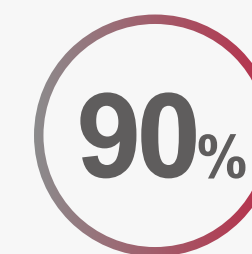
Voltage / Radiation



(More distinctive characteristic waveform contrast)



Exposure Time Reduced by



Soft Rays Reduced by



Imaging Quality Improved by

Parameters Instruction		
Power Voltage:AC 110V-240V	Bulb Tube: Canon (Toshiba)	Duty Cycle:1/30
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Model-001

NEW



Model-002

IMAGING

IN **PORTABLE**

High-Frequency
X-Ray

HAND

SMALLER SIZE

But With Unchanged Excellent Image

The compact hand-held design makes you free.
Single hand operation.
Without the shackle power cord.



Easy Operation



More applicable



Clear image



Portable use



Comfortable key pressing
strong rebound and durable

Simple & Elegant Design

7cm beam limiting cone
ensuring clear images

DETAIL DISPLAY

Replaceable battery with long service life
Can be used 150 times after fully charged

Durable switch button
with good rebound

Large screen for
Clear display



Adjustable rubber belt for convenient grip



23-YEAR CORE TECHNOLOGY PRECIPITATION



The third generation of handheld high frequency portable X-ray machine Development Experience

9 MAJOR FEATURES

- High-frequency portable X-ray machine, compared with ordinary portable X-ray machines, the operators and patients will suffer from less radiation with better image effects.
- The DC portable X-ray machine can be easily fixed on the chair for shooting, or simply detached for handheld shooting independently.
- Adopting the micro-focus tube imported from Japan's Canon, with the focal point of 0.4mm and 12.5-degree anode angle, ensures a clearer image.
- The exposure time is short with only about 0.4 seconds, which is 5 to 8 times shorter than that of ordinary portable X-ray machines to ensure less radiation. It can also reduce the influences of external factors such as hand shake, providing a better shooting effect.
- The circuit components imported from South Korea adopt high-frequency closed-loop control. When the battery power is low, the image effect will not be affected.
- Small size, light weight, simple to operate, and available to be operated with single hand.
- Digital display with simple operation.
- 150 shots can be taken continuously after the battery is fully charged.
- Produced with quality assurance.



Digital display



Available for hand-held shooting separately



Concise appearance

BREAK THROUGH TRADITION DUAL OPERATION WITH ONE UNIT

Customized portable X-Ray machine fixing bracket, portable high-frequency X-Ray machine can be fixed on the chair side for imaging, and it can also be detached and handheld for independent operation. It is easy to be disassembled and installed.



Parameters Instruction

Model: RAY98 (P)
Tube Voltage: 70kV±10%
Tube Current: 2mA±20%
Input Voltage: 100V-240V
Frequency: 50Hz-60Hz
X-Tube: Canon (Toshiba)
Anode Angle: 12.5 °
Focus: 0.4mm
Exposure Time Range: 0.04s -2.0s
Leak Emissivity: 1 meter 0.25mGy/h
Machine Weight: 1.7kg
Relative Humidity: 30%RH-75%RH

Gun-Style

Portable X-ray

*IMAGING IN
MY CONTROL*



MODERN MEDICAL IMAGING TECHNOLOGY

More accurate and more flexible.

The Gun-Style Portable X-Ray machine is a cutting-edge choice for dental diagnosis, featuring ergonomic design, long battery life, and intelligent angle adjustment for precise imaging.



Smart camera angle assistance



Ergonomic design



Long battery life



Parameters Instruction

Model: POCT22

Tube Voltage: 70kV±10%

Tube Current: 2mA±20%

Input Voltage: 100V-240V

Frequency: 50Hz-60Hz

X-Tube: Canon (Toshiba)

Anode Angle: 12.5 °

Focus: 0.4mm

Exposure Time Range: 0.04s -2.0s

Leak Emissivity: 1 meter 0.25mGy/h

Machine Weight: 1.7kg

Relative Humidity: 30%RH-75%RH



DETAIL DISPLAY



1.3
FOR
FULL
IMAGE

17 Years
Dental X Ray
Imaging Experience



DR730

Dental Imaging System



Comfortable Experience With Full Tooth Imaging



5 Core Advantages



High-Definition Imaging



IPX7



Powerful Software

HD Imaging



1.3 For Full Image

According to research data, the average height of the global molars is 22mm.

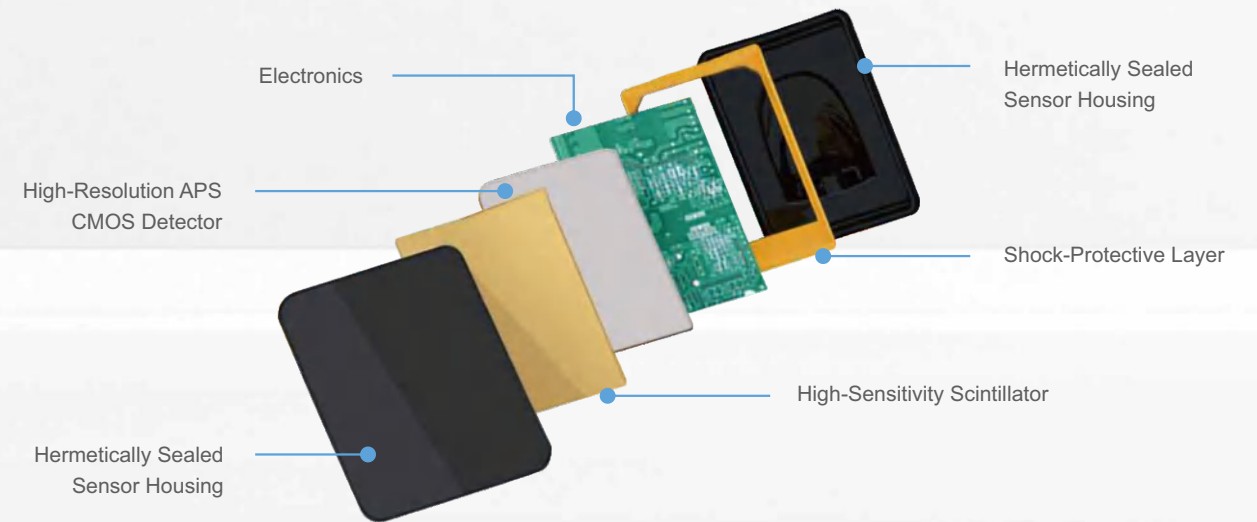
In order to make the product closer to patients and doctors, and to create the best palatability, We continue to explore the unknown until the arrival of DR730 size 1.3.

The superiority of Size 1.3 perfectly solves the shortcomings of Size 1 and Size 2 on the market.

Whatever you are an adult or a child, you can enjoy the comfort and convenience of a digital dentistry just with a DR730 sensor.

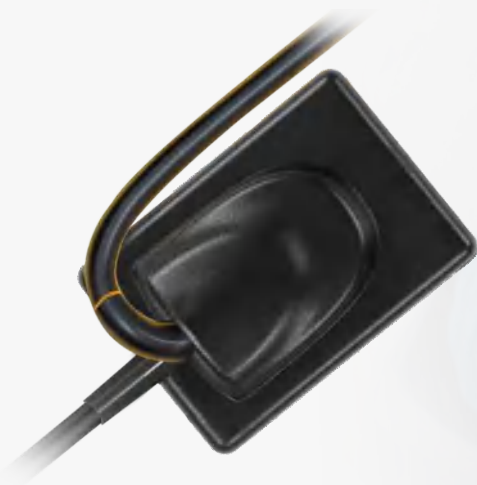


Powerful Functions

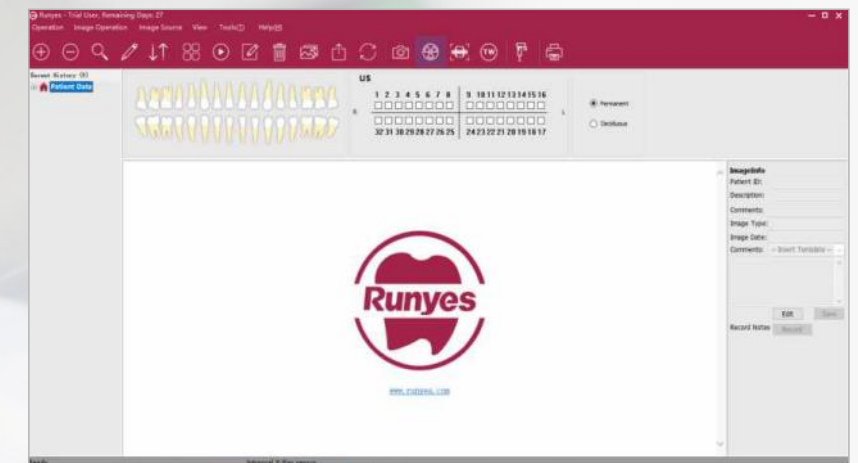
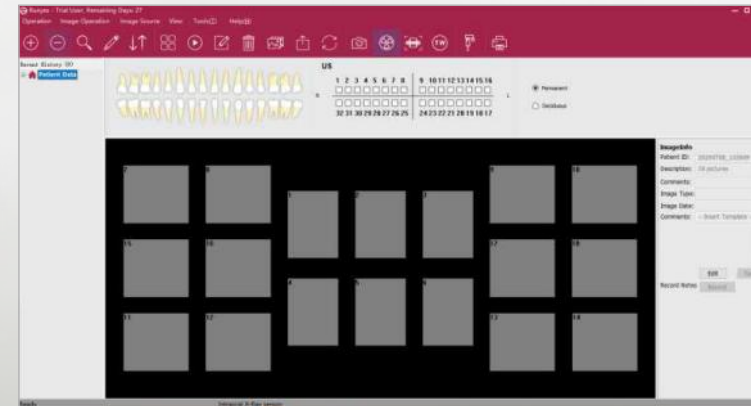


Super Toughness

Tens of thousands of tests have been carried out according to the actual use, and the product has super toughness and durability.



Powerful Image Management Software



High Adaptability

Available For Liquid Disinfectant Immersion

The sensor is tightly stitched.
Repeated verification by engineers.
Reach IPX7 waterproof level.
Can be disinfected with immersion.
Avoid secondary cross infection.



Compatibility

Applicable for almost all x-ray machines on the market

Technical Specification

Model	DR730
Chip Type	APS CMOS
Pixel Size	18.5um
Dimension	39×28.5×6mm
Active Area	30×22.5mm
Active Pixel Array	1600×1200mm
Image Pixel	1604×1204mm
Voltage (through USB connection)	5.0V±0.5V
Electricity Curent (through USB connection)	≤500mA
Power	≤1W
Digitization	12/14/16 bit
Imaging Time	3~4s
Resolution	27lp/mm
Signal Output	USB

DS630

IMAGE PLATE SCANNER



Intelligent telescopic tray

HD imaging

Fast Imaging



Simple & Easy
Operation



HD Imaging

Four
Advantages



Digital Imaging
Plate



Efficient Imaging
Software System



Simple & Easy Operation

One-click operation, easy to handle

It is fully automatic scanning, and reduce the extrusion of the image plate with intelligent retractable card slot. There is a magnetic sheet inside to absorb the image board, making it easy to place and preventing scratches.

Powerful algorithm clear imaging

It has excellent image display and processing quality.

Humanized design

Double hygienic case and pouch. Protective shell prevents bite marks or crushing. A layer of protective film on the black bottom to enhance light protection.

Compact & Light-weight

Small size & light weight. It requires a minimum of space.



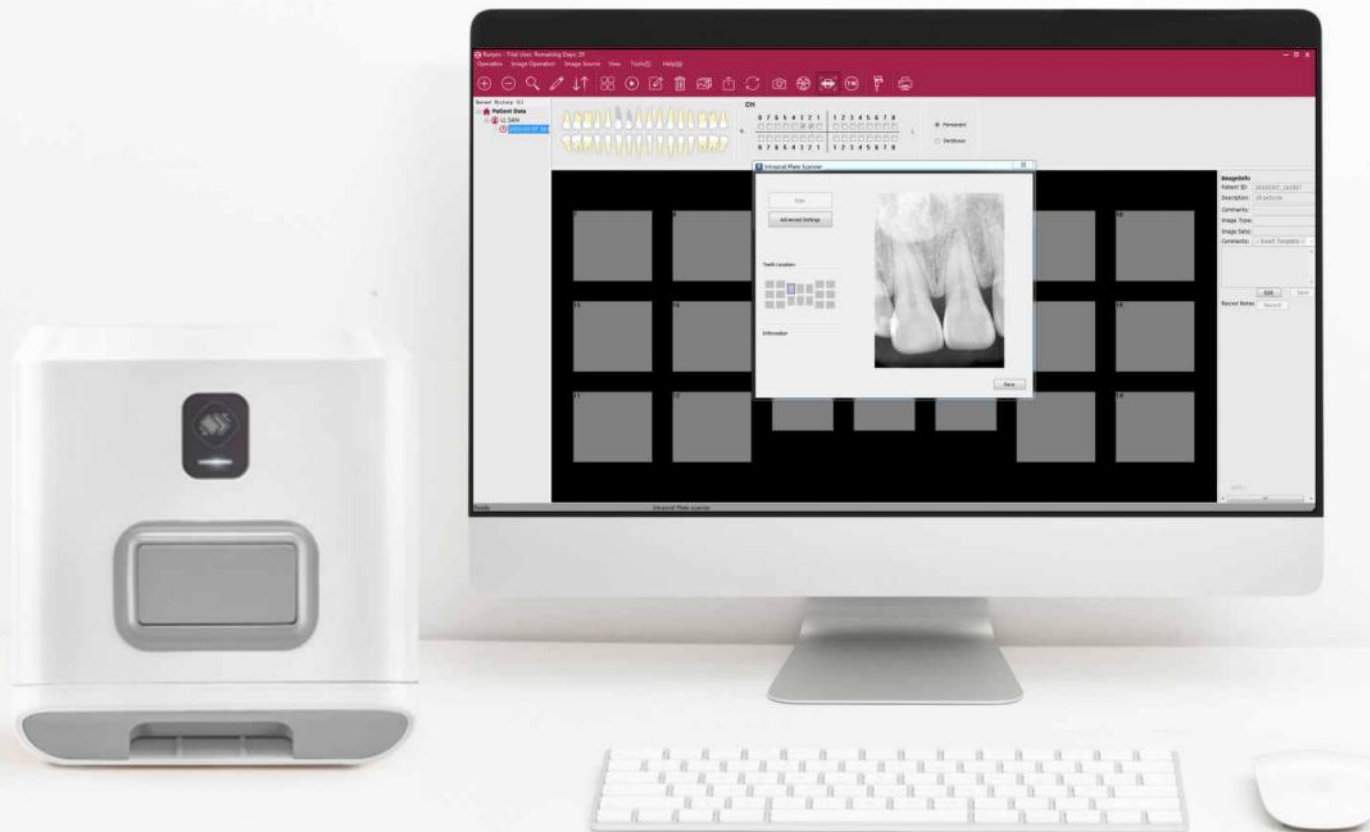
Independent Development



Patented Design



Clearer Image



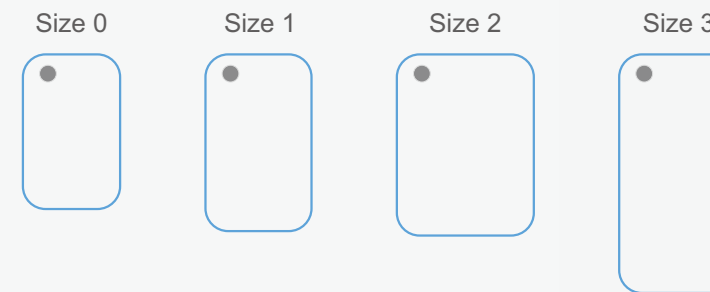
HD Imaging

After testing, the imaging can reach 20 line pairs, with high quality and clear image

Digital Imaging Plate

Lightweight, flexible, high quality with affordable price

Rounded edge design, comfortable, and available for hundreds of times imaging



Type	Dimension	Imaging Size
Size.0	22X31mm	628X885mm
Size.1	24X40mm	685X1142mm
Size.2	31X41mm	885X1171mm
Size.3	27X54mm	771X1542mm

Standard with Size 2 (2pcs), Size 0, 1, 3 for optional.



Parameters

Version	DS630
Pixel	35 μm
Laser Wavelength	660nm
Line Pair Resolution	≤20lp/mm
Bit Depth	14bit
Imaging Time	≤6 Sec
Spatial Resolution	≥7lp/mm
Output	USB2.0
Rated voltage	AC220V/50Hz
Operating Voltage	DC12V
Operating current	≤1.0A
Power consumption	≤12W

Computer Configuration

Configuration	Minimum requirements
Processor	Intel chip processor and above
Memory	4G and above
Hard Disk	There is 1GB of space for software installation 40GB of free space for using the software
Graphics Card	32M and above video memory
ZB	1024x768 minimum screen resolution 32-bit color mode
USB	At least two USB 2.0 / USB 3.0 interfaces should be available
Operating System	Windows 7(32 bit/64 bit) Windows 10 (32 bit/64 bit)