

**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

## 1.3 For Full Image

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

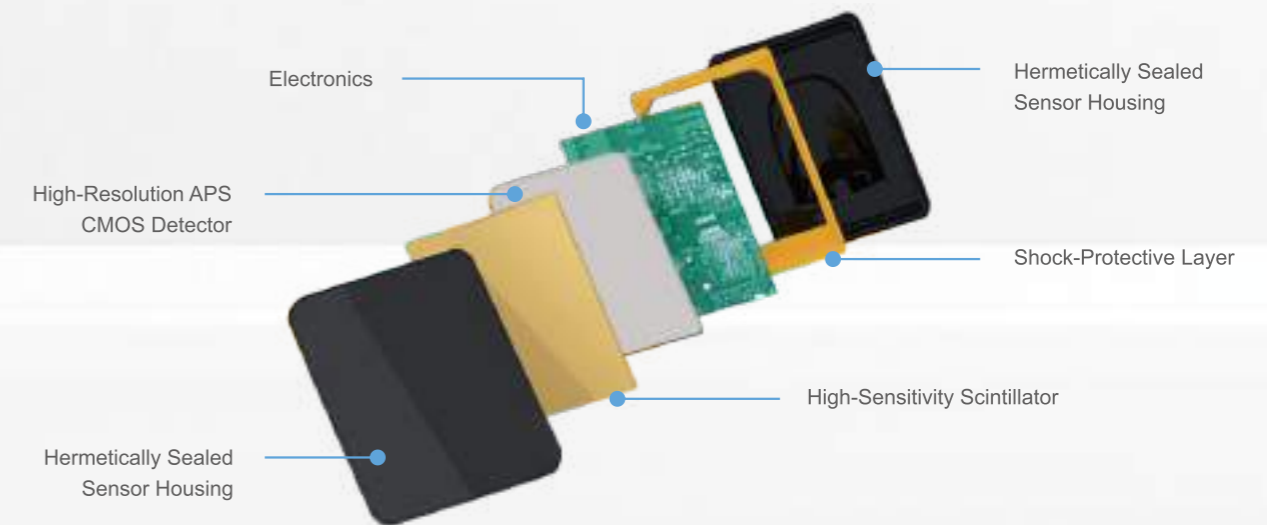
In order to make the product closer to patients and doctors, and to create the best palatability, We continue to explore the unknown until the arrival of DR730 size 1.3.

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.

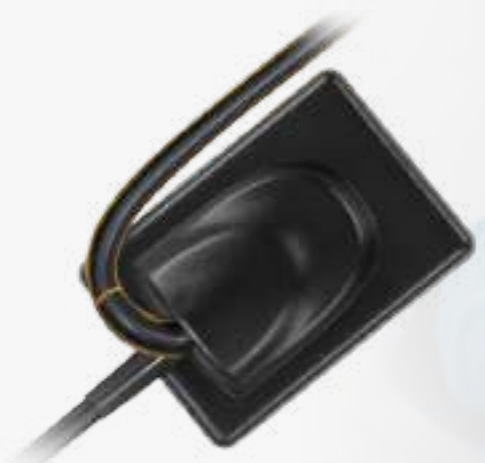


## Powerful Functions



# Super Toughness

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



## 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

# Powerful Image Management Software



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

# BLUE for Better Vision

Dental Imaging System



High-Definition  
Imaging



APS CMOS  
Sensor



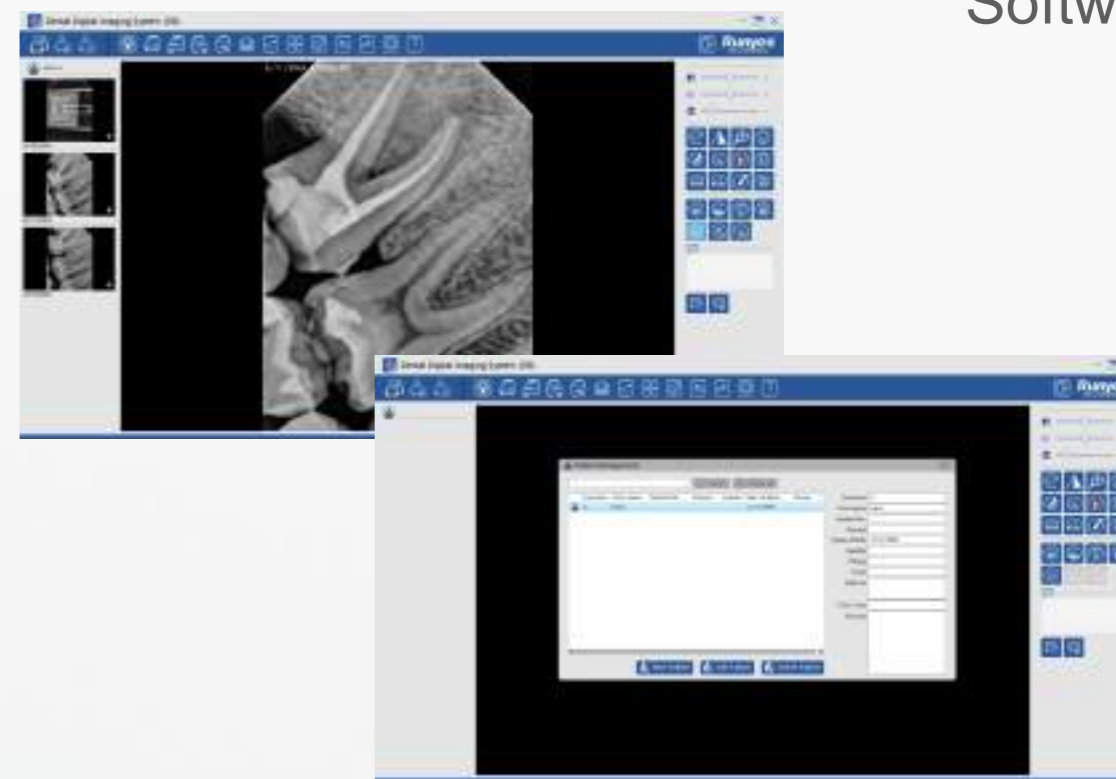
HD Imaging

# 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 IPX68 waterproof level.
- Can be disinfected with immersion.
- Avoid secondary cross infection.



Technical Specification			
Model	Size 1	Size 1.5	Size 2
Mechanical Dimensions	25.03X38.53X4.5	29.2X43.5X4.5	31.62X45.0X4.5
Effective Imaging area	20X30	24X33	26X36
Pixel Matrix	(1.5M) 1000X1500	(1.89M) 1200X1650	(2.34M) 1300X1800
Spatial Resolution: 25lp/mm		Detector Type: APS CMOS	
Grayscale: 16 bits, level 65535		Scintillator: CsI	
Protection Level: Ip68 for Soak disinfection		Line Length: Standard 3m	
Operation System: Windows 7 and above, 32/64bit		Pixel Size: 20 um	

# 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



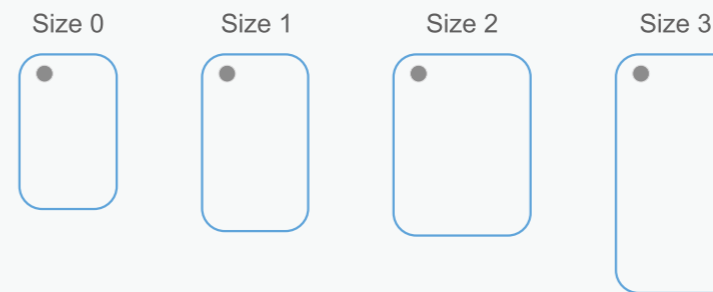
## HD Imaging

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)