

Medical Wing Foundation

Trade and maintenance of medical devices

apixiaTM
DIGITAL IMAGING

Scanner

Small Size, Big Impact

The Apixia PSP Scanner packs tremendous imaging power into a small package. Tiny enough to fit into the most crowded dental operatories for handy chairside use, yet robust enough to be placed in a central location for use by the entire office, the Apixia PSP Scanner is the ideal product for any size dental practice. Imaging with PSP plates offers all the flexibility and patient comfort of film, combined with the immediacy and environmental benefits of digital radiography. It's truly the best of both worlds.

Images in Just a Few Easy Steps

Imaging is fast and simple: Position and expose the flexible PSP plate just like a piece of film, remove it from the hygienic envelope, and drop it into the Apixia PSP Scanner. The smart top-loading design harnesses the power of gravity for simple loading and fuss-free use. In less than ten seconds, the crystal clear radiograph appears on the computer screen, ready for viewing. Then, just simply insert the next exposed plate when ready. The unit's in-line eraser clears the imaging plate for its next use? automatically! When the plate is ejected from the bottom of the machine, it's ready for immediate re-use. Plus, plates are reusable thousands of times to maximize your investment.



APIXIA PSP SCANNER

Dimensions	258mm x 138 mm x 183mm
Weight	3.6 kg
Voltage Requirements:	AC 100-240 V, AC 60/50HZ
Scan Time:	10 seconds
Resolution:	17 lp/mm
USB Cable Length:	1.8 meters
Connection Type:	USB 2.0
Computer System Requirements:	Windows XP, Windows Vista, Windows 7 32/64 bit
Note: Computer not included	512 MB, 1 GB recommended
Windows Versions	Pentium4 CPU or better
Min. RAM	SVGA 1024 x 768
Min. Video Card	40 GB
Min. Hard Drive Space	



X-Ray



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Digi-X
Dental IT Ubiquitous System



■ SPECIFICATIONS

X-RAY Generator	Type Power Output	High Frequency Inverter 180W
X-RAY Installation	Tube Voltage Tube Current Heat Capacity	60kV 2mA 8.5Khu
X-RAY Tube	Anode Type Anode angle Focal Spot	Stationary 20° 0.8mm
Total Filtration		1.6mmAl
X-RAY Control	Exposure Time Set	0.02~0.18 sec (0.01 Step)
Power Requirement	Battery Battery Charger	DC 24V AC100~240V
Weight	Main Body Accessory	1.9Kg 0.6Kg
Dimension	Main body Charger	185 X 144 X 139 (mm) 100 X 65 X 35 (mm)

X-Ray



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Runyes®

Wall mounted X-ray Machine RAY68(S)



Rated voltage : 70KV

Current of tube-head : 7mA

Tube-head : From abroad

Focus : 0.7mm

Support : 220VAC

Radiation leakage : <0.007mGy/h

Round Output Section : Focus Skin Distance-20cm

Output Radiation Field-6cm

X-Ray



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HDR100/200



X-Ray



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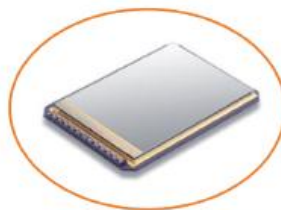
Trade and maintenance of medical devices



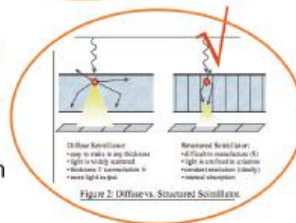
HDR200/100 Dental Digital X-ray Sensor

Efficiency - is one of validation criteria in pursuing course . High efficiency is our standard as well as the aim of doctors .High efficiency must be high yield.
Digital x-ray system substantially reduces the time of taking picture for dentists, avoids complicated film development course .Imaging software greatly increases the efficiency of image management for dentists . Taking picture at fastest speed , guarding image at safest status .
In future medical information society ,everyone's medical information would be transferred in internet at digital form . We try our best to explore such information society .

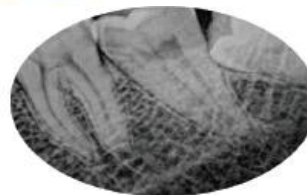
New **APS CMOS sensor** .
Applying in aerospace industry .
Low power consumption .
long life time(400,000 times) .



An excellent sensor should have a good **scintillator**, which enhances the x-ray conversion efficiency and improves light transmission ability. Scintillator is the guarantee of images of low noise and an essential part of high quality image



High identify ability of details and Low x-ray dose, no matter to dentist or patient .
22lp/mm, meet the requirement of high definition images with high gray scale to detect tiny flaws and early diagnosis for internal tooth top infection .



High efficiency = Immediate effect

Time is money! Time is life! Fast acquiring result is very important in diagnose. Only within few seconds, the x-ray image will show on the monitor .

Multi-user solution

The ideal of <HDR for Windows > management system is for providing multiuser solution, sharing information of data center. Plug and play connector make it available for sensor to transfer from rooms to rooms.



Powerful imaging management system

Powerful multi-functional imaging software <HDR for window> maximum supports
Successful application and development of CT imaging software make it possible to show early infection
16 bits image precess



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Surgery treatment Denture Prosthodontics	Tooth decay Diagnosis	Endodontics	Periodontal Treatment	Urgent Diagnosis
Visiblization of all the details of operation and tooth structure	High gray scale help to detect unconsipuous wounds	Detectable of ISO06 type lowdose x-ray	Safely and quickly show the bone structure	Quickly supply image position

Technology and Service

Handy—Not limited for quality ,dedicate to dental digital solution

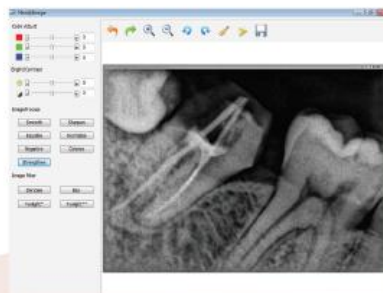
- * With international aeronautics & astronautics remote sensing technology ,to ensure excellent quality
- * 12 months quality assurance , favorable exchange service
- * HDR for windows imaging software , adjust image automatically .

Sensor Information

	SIZE 2	SIZE 1
Overall sensor size (L x W):	44 x 32 mm	40 x 26 mm
Sensor Thicknes	<6m	<6mm
Active Area (L x W):	1600 x 1200 (1.9M)	1450 x 910 (1.3M)
Total Pixels (L x W):	1604 x 1208	1454 x 918
Intrinsic Resolution:	22 lp/mm (22.6)	
Dynamic Rang:	4096	4096
Cable Lentg:	2M (USB cable :2.5M \3M \5M)	

DS-Controller Data

Overall size (L x W x H):	92 x 66 x 28 mm
PC Interface:	USB 2.0 (full speed)
Supply Voltage (via USB):	5.0 V (4.25 V min.)
Supply Current (via USB):	500 mA max.
Digitization:	12 bits per pixel
Pixel Data Rate:	2 Mhz
Image Transfer Time:	3-4 seconds



X-Ray

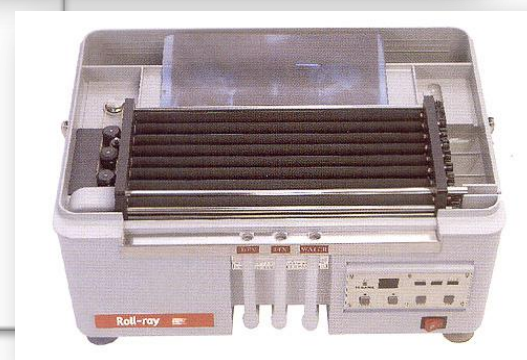
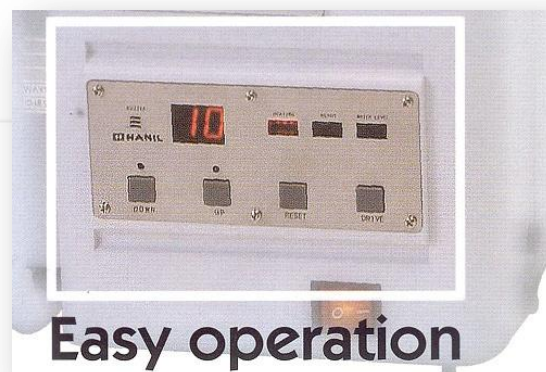


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Roll-ray automatic x-ray film



Film Size Applicable	Intra Oral 3 × 4cm, Panorama 15 × 30.5cm and Cephalo 21 × 34cm
Film Transport	Straight Constant Roller Transport System
Process Time	5 minutes (Intra Oral) / 8 minutes (Panorama)
Solution Temperature	Can be freely varied between 20°C and 40°C by adjusting temperature control pad
Tank Capacity	1.5 liters each for developer, fixer and water
Outer Dimensions	550(W) × 400(D) × 540(H)m/m
Net Weight	20kg
Power Source	Single phase 8A, 50/60Hz (adjustable to your voltage)
Optional Accessories	Funnel (1pc), 2000cc Beaker (1pc), Fuse 8A (1pc)

X-Ray

