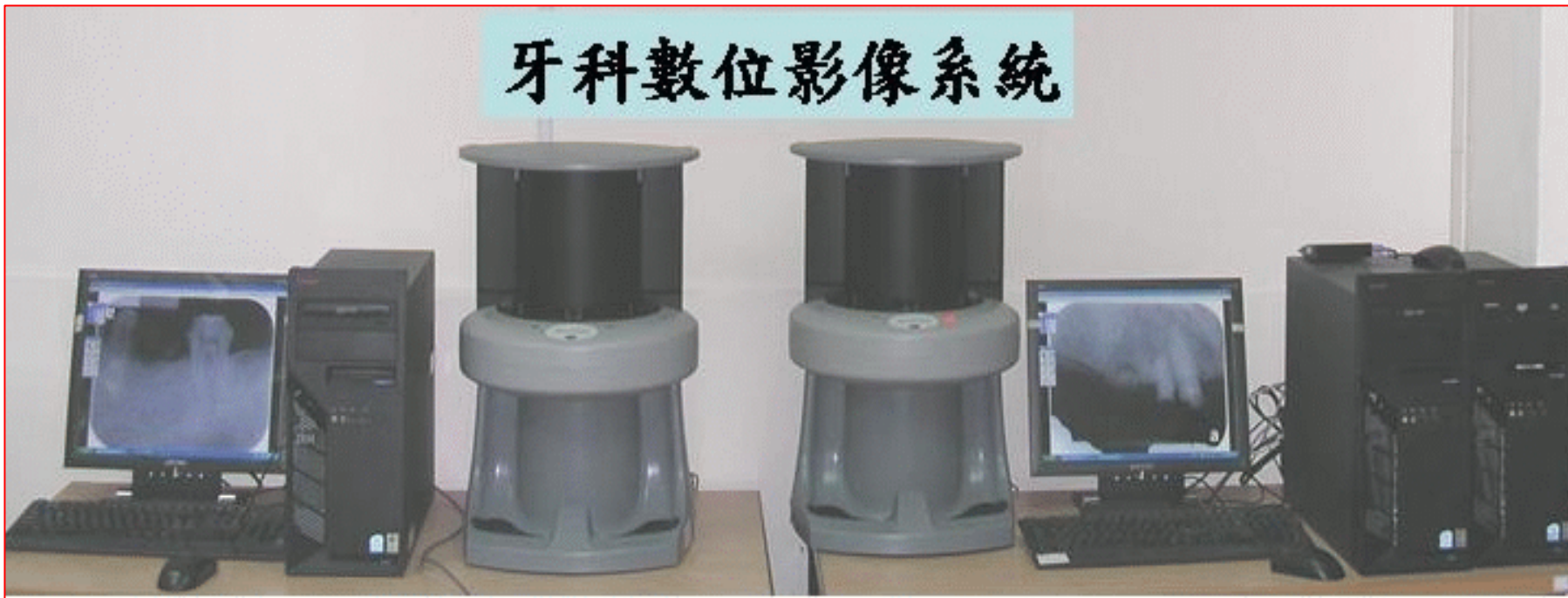
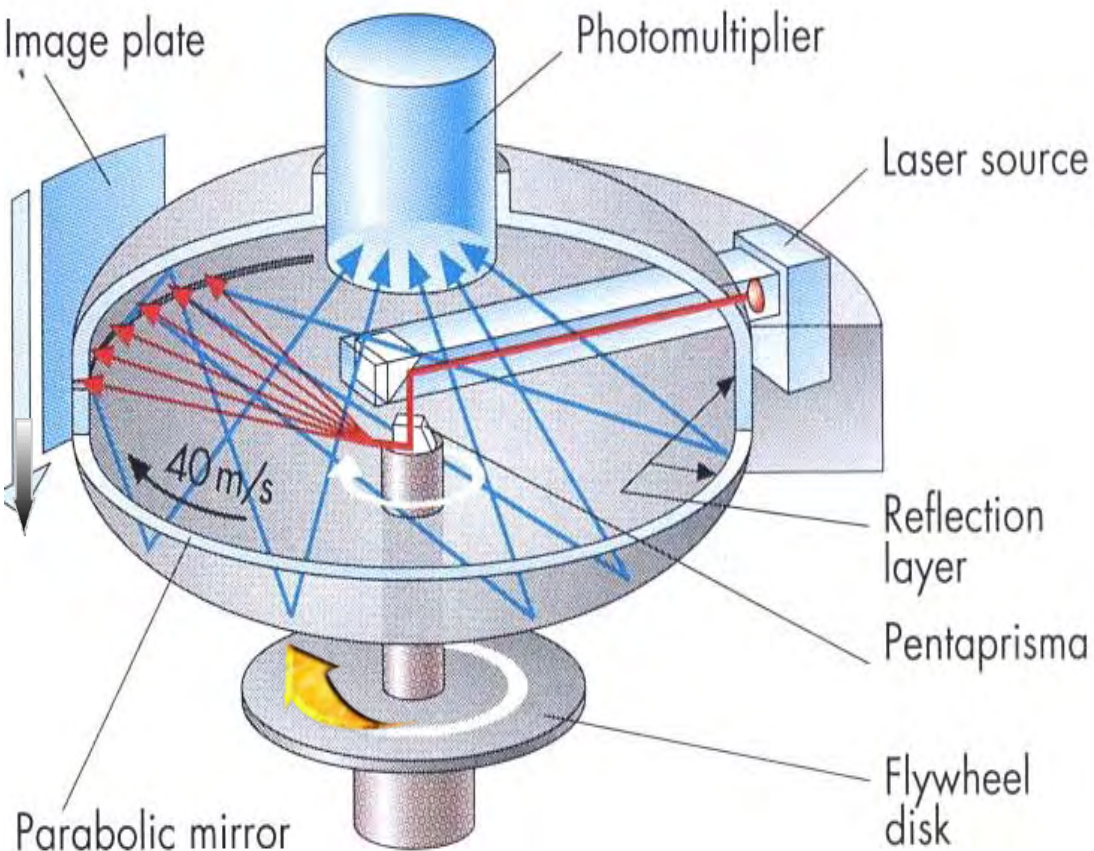


Scan X

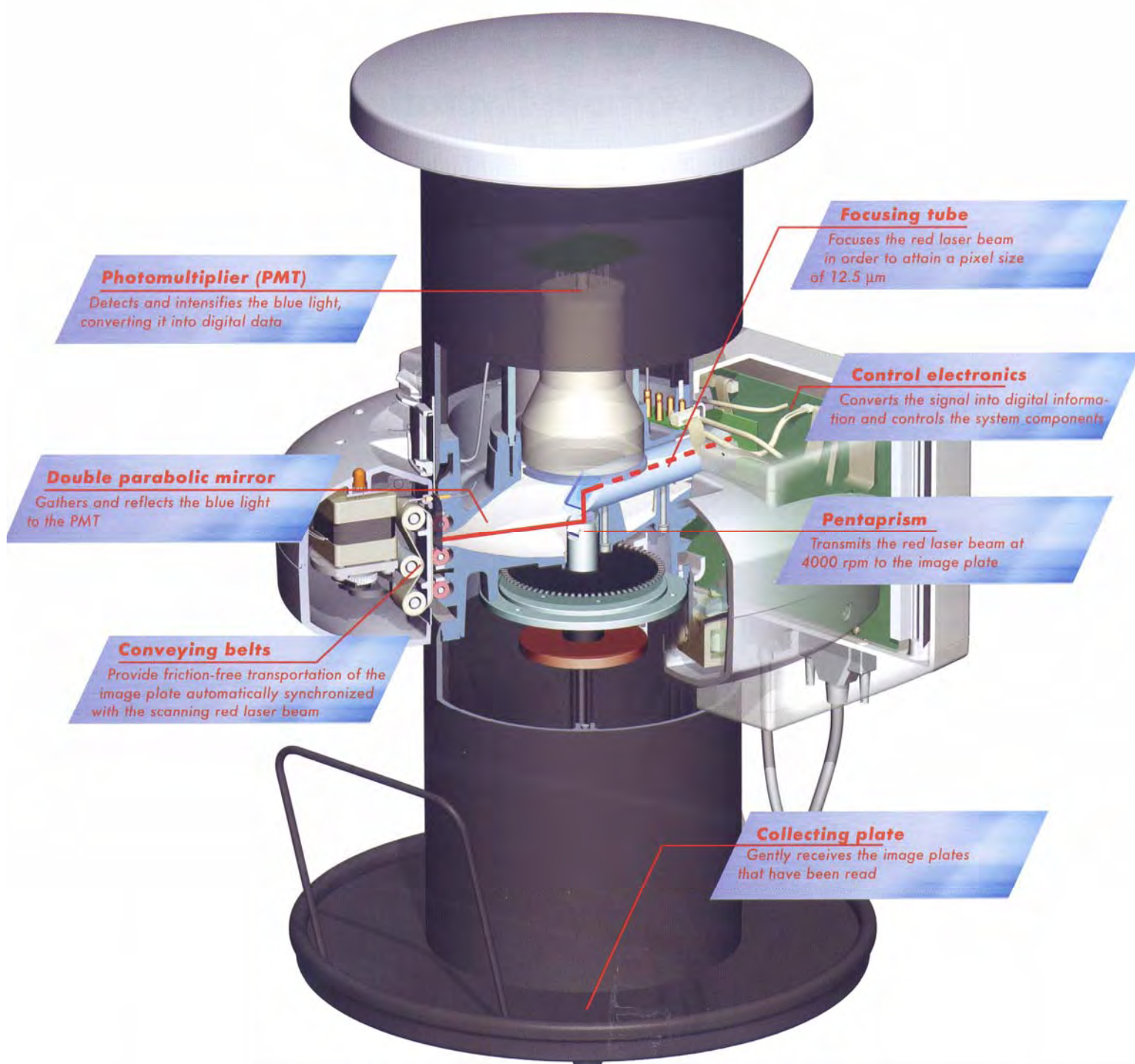
牙科數位影像系統



Advantages of Scan X



- Simple handling because of semi-automatic plate insertion
- High scanning speeds resulting in images being produced quickly
- Small laser spot of $12.5\mu\text{m}$ giving a max. theoretical resolution of 40 LP/mm
- Almost complete detection efficiency for absorbed X-ray quanta (96.3 %) thus minimizing interference that would spoil the image quality
- Complete utilization of the resolution of image plates available today and in future generations up to 40 LP/mm
- Operation under normal lighting conditions
- High dynamics (16 bit raw data)





Scanning times

Extra-oral formats

OPG	12.7 x 30.5
OPG	15 x 30
CEPH	18 x 24

Standard scanning	Fine scanning
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5 LP/mm	6.7 LP/mm
21 sec.	28 sec.
24 sec.	32 sec.
29 sec.	38 sec.

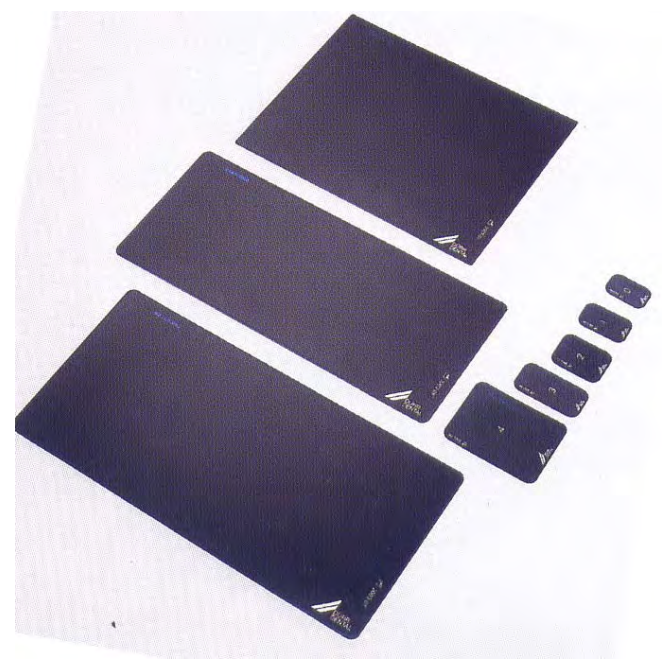
DÜRR

Intra-oral formats

Child	2 x 3
Child bite-wing	2 x 4
Standard	3 x 4
Bite-wing	2.7 x 5.4
Occlusal	5.7 x 7.6

Standard scanning	Fine scanning
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10 LP/mm	20 LP/mm
14 sec.	27 sec.
15 sec.	30 sec.
15 sec.	30 sec.
20 sec.	39 sec.
26 sec.	51 sec.



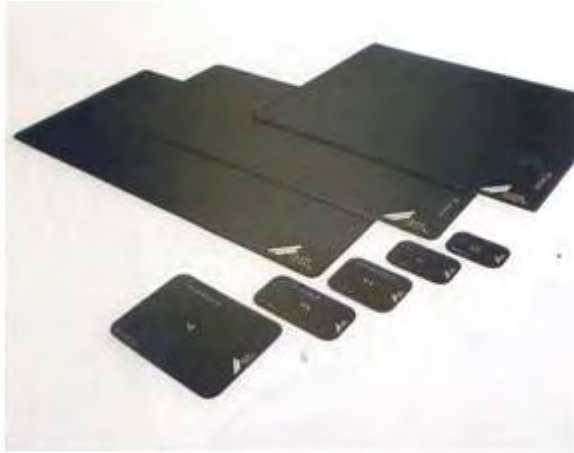


Image plates in all current dental formats



Foil cassettes in a foil cassettes holder



Consistent and gentle erasure of the image plates

Changing over is simple for the practice



Intra-oral



1 Insert the image plate into the foil cassette



2 Place the foil cassette



3 Start the reading process

Panorama/Ceph



1 Foil cassette has been put in place



2 Start the reading process




VistaScan Intra – the smaller solution for producing intra-oral radiographs only.

VistaScan with a comprehensive range of applications for all dental areas of use Intra-oral, Panorama and Ceph.

Commercial available Products

List #1: Companies Providing Intra-oral Solid-state Detector Systems

1. Dent-X: **Eva** (Enhanced Visual Assessment)
2. Dentrax Dental Systems: **ImageRAY** 
3. Danaher: **Dexis**
4. GE Healthcare Dental Imaging (Instrumentarium Imaging): **Sigma**
5. Kodak Dental Systems: **Kodak 5000 and Kodak 6000**
6. Lightyear Direct: **SpeedVision**
7. Owandy (France): **Krystal-X**
8. Planmeca USA (Finland): **Dixi3**
9. Progeny: **MPSe**
10. Schick Technologies: **CDR and CDR Wireless**
11. Sigma Biomedics, USA: **BIO-RAY**
12. Sirona, USA: **Sidexis XG**
13. Sometech (Korea): **Xview**
14. Suni Medical Imaging: **Dr. Suni Plus**

Commercial available Products

List #2: Companies Providing Panoramic Solid-state Detector Systems*

1. GE Healthcare Dental Imaging (Instrumentarium Imaging): **OP100D**
2. J. Morita: **Veraview IC5**
3. Kodak Dental Systems: **Kodak 8000**
4. Planmeca USA (Finland): **EC Proline** and **ProMax**
5. Schick Technologies: **CDR PanX**
6. Sirona, USA: **Orthophos XG^{Plus}**

** excluding "retro-fits"*

List #3: Companies Providing Phosphor Plate Detector Systems

1. AirTechniques: **ScanX**
2. Gendex (Danaher): **DenOptix**
3. Soredex: **Digora** and **Optime**
4. Sigma Biomedics: **Orex CR**