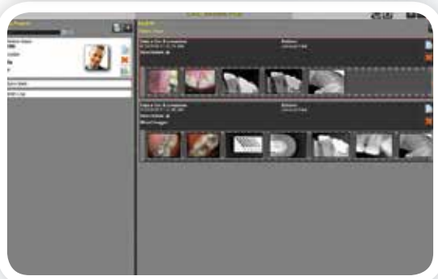
Visual System & Visual Tablet



Technical data common to Visual System & Visual Tablet

Sensors	CMOS
Pixel Pitch	20x20
Active area dimensions	Size 1 20x30 mm optional Size 2 33x25 mm
Active pixels number	Size 1 1500x1006 optional Size 2 1650x1246
Spatial resolution	20 lp/mm
Intraoral camera	
Sensor	¼" 1.3 MPixel CMOS
Active pixel number	1280x1024
Max magnification	50x

Technical data only for Visual System

Minimum system features	
Processor	Intel Core2 Duo Processor → 2GHz
Memory	2 GByte
Display	15"
Matrix	1366x768
Hard disk	100 GByte
Operating System	Windows XP service pack 3 Windows Vista Windows Seven

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INTERMEDICAL

IMPROVING PERFORMANCES

Visual System & Visual Tablet

Intraoral images Acquisition and processing digital system DR

The visual system includes : *sensor, applications software, intraoral camera (option). The Visual System is compatible with your PC.*

The visual tablet includes: *tablet, sensor, applications software, intraoral camera (option).*

INTERMEDICAL

IMPROVING PERFORMANCES

VISUAL SYSTEM:

The new concept in DR systems with a wide range of options, compatibility with most common PC and operating systems.

Visual System is based on an extremely easy and friendly user interface, grants storage and immediate consulting of the images in a data base. The quality of the images and the powerful processing, as a result of the long expertise in digital radiological images treatment, put Visual System at the top of DR systems.

Visual System can be offered with a wide range of options:
- CMOS sensor 20x30 or 26x34 mm
- Intraoral camera 1.3 Mpixel 30 fps
- Foot control for image freeze
- Color printer (glossy paper) 300x300 dpi at 256 color

The real time images processing enables to:
- Visualize in full size and/or multi image
- Magnify images by dynamic zoom with scroll, reverse and rotate them. Visualize in negative and positive
- Modify brightness and contrast
- Apply median, logarithmic, noise reduction, dynamic, spatial, LUT and Gamma filters
- Apply special filters as the exclusive harmonizer, optimizing the different density on the images
- Visualize histograms and densitometric profile
- Add anatomic reference based on international numbering
- Measure length and angles with dedicated calibration possibility
- Print the images with or without overlays and/or measures

VISUAL TABLET:

The maximum of diagnostic quality.
Touch screen user interface: simple, intuitive, efficient Compatibility with all intraoral X Ray systems.

Visual Tablet is the new DR system based on Visual applications software, realized to acquire, store and process the intraoral digital images, installed on Tablet technology.
Visual Tablet in standard configuration is supplied with intra oral CMOS sensor Size 1 (20x30 mm).
Furthermore different configurations are available among which it is possible to choose the Tablet according to display dimensions and resolution, processing speed and memory capacity.
All models are based on Windows® operating systems, the users interface is managed by touch screen. Images storage is on organized data base with immediate consulting.
The quality of the images and the updated technology put Visual Tablet at the top of DR systems.

Visual Tablet can be configured with a wide optional accessories range:
- CMOS sensor Size 2 (26x34 mm)
- Intraoral camera 1.3 Mpixel 30 fps
- Color printer on glossy paper

The real time images processing enables to:
- Visualize in full size and/or multi image
- Magnify images by dynamic zoom with scroll, reverse and rotate them. Visualize in negative and positive and with different gamma colors
- Modify brightness and contrast
- Apply median, logarithmic, noise reduction, dynamic, spatial, LUT and Gamma filters
- Apply special filters as the exclusive harmonizer, optimizing the different density on the images
- Visualize histograms and densitometric profile
- Add anatomic reference based on international numbering
- Measure length and angles with dedicated calibration possibility
- Print images with or without overlays and/or measures