

VistaPano – an all-round perfect picture

The new digital panoramic radiography device with S-Pan technology



COMPRESSED AIR

SUCTION

IMAGING

DENTAL CARE

HYGIENE

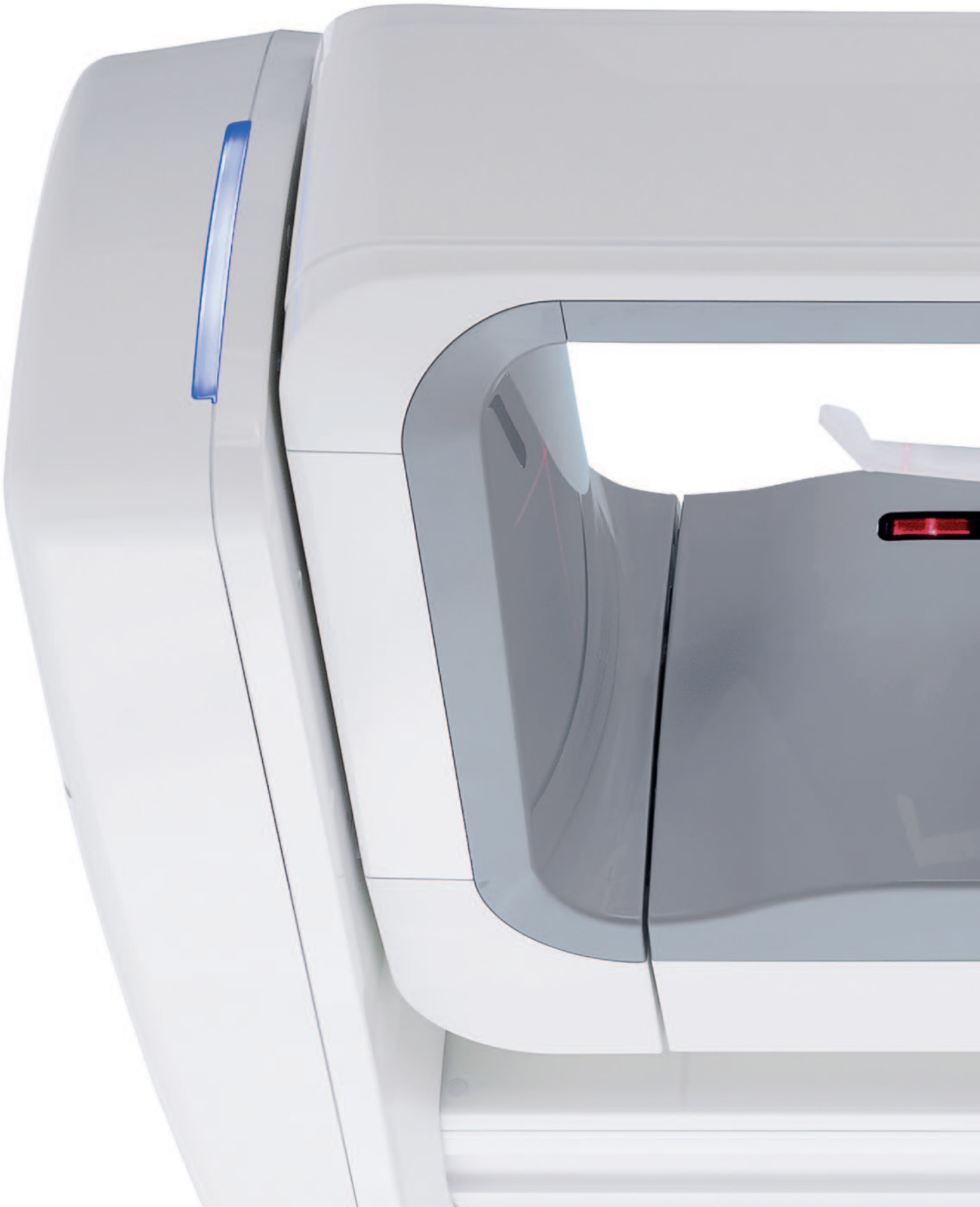
VistaPano – faster, easier and better in the picture

High speed scanning with low radiation dose



Compared to conventional imaging, digital radiography saves valuable time at surgeries. Thanks to the modern CsI sensor technology, the VistaPano provides better image quality, significantly simplifying diagnosis. Ease of operation and well thought-out workflow, supported by an innovative 7" touch display, are especially impressive. The quick-scan mode enables complete OPG imaging in only 7 seconds at particularly low radiation doses. The S-Pan technology is undoubtedly the highlight. The image information of individual patient X-rays is used to automatically present a razor-sharp image at every spatial position of the tooth and jaw situation. Where other imaging techniques may fail due to positioning errors, S-Pan technology delivers excellent images straightaway. Only with Dürr Dental.

- S-Pan technology for easier diagnosis
- CsI sensor for better image quality and reduced radiation
- Slim design, small footprint
- Extremely fast, panoramic images in 7 sec.
- 7" touch-display for intuitive operation
- Easy face-to-face positioning, 3 positioning light lines





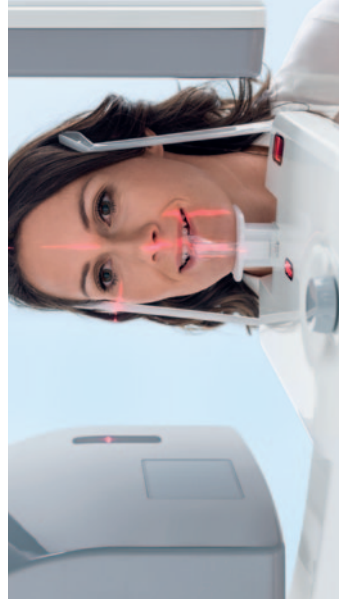
VistaPano

All functions at a glance

The intuitive 7" touch screen displays all settings quickly and clearly. Operation and navigation are very user-friendly and facilitate smooth workflow while imaging. To begin, you simply select recording programme and patient size, thereby preventing operating errors and ensuring optimum workflow.

Easy and efficient patient positioning

The 3 positioning light lines precisely mark Frankfurt horizontal plane, mid-sagittal plane and the film plane. VistaPano allows face-to-face positioning without mirrors and which is optionally supported by verbal information.



X-ray programmes

With a total of 17 X-ray programmes, 4 of them children's programmes, you are well equipped for every diagnosis. In addition to the standard panoramic programme, VistaPano offers half-page X-rays-right, left and front, as well as child mode of exposure with smaller exposure area. This reduces the dose by 45 - 56 %, without loss of diagnostic information. Furthermore, there are five more programmes available for orthogonal images, and two each for TMJ exposures for functional diagnosis and for sinus images to display paranasal sinuses.

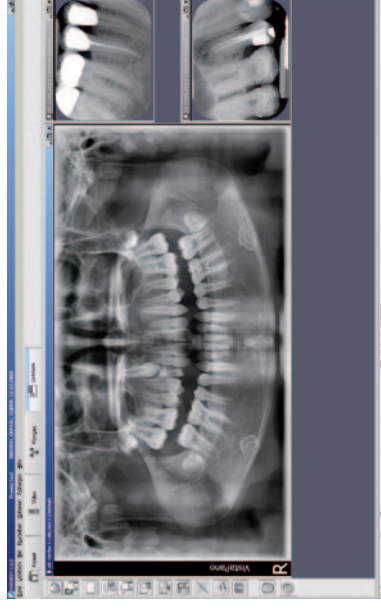
Always the right image size

At an image height of 150 mm, expanded diagnosable jaw area and paranasal sinuses are visible. Selecting the children's programme significantly reduces radiation dose by using a cover plate that is lower and narrower, as well as by shortened scan time.



Fits into all surgeries

The slim, sophisticated design of the new VistaPano Panorama offers lots of possibilities when placing it in your surgery. Its sleek design catches eyes anywhere and does not occupy much space at a size of 1 m x 1.5 m x 2.3 m.

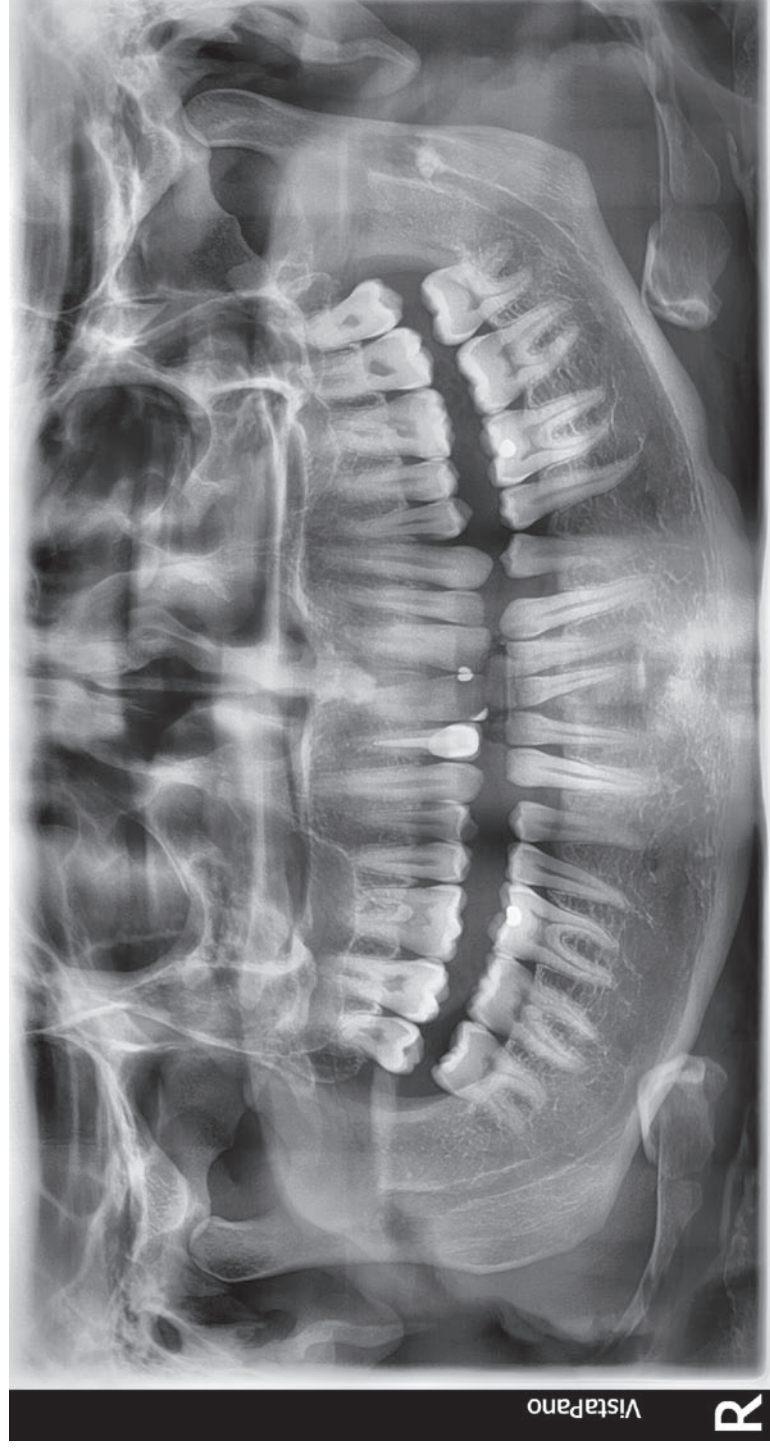


Imaging software DBSWIN for diagnostic support

The ergonomic, network-compatible imaging software DBSWIN automatically optimises all images, saves them and makes them available at all workstations. Diagnosis-assisting digital filters allow the contrast and sharpness of images to be further processed, enabling even more detailed diagnoses. DBSWIN supports DICOM environments and makes it possible to connect to third-party software with VistaEasy, ImageBridge and TWIN. With the Dürr Dental Imaging App, you also have immediate and easy access to your image data from an iPad.

The better the images, the better the diagnosis

Extremely sharp images thanks to innovative S-Pan technology



X-ray with S-Pan

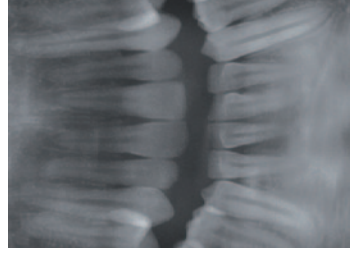


Image without S-Pan

Compared to other new panoramic devices in which the sharpest areas must be manually selected, Dürr Dental's S-Pan technology goes a step further. It can acquire multiple layers of images from a single exposure. Each layer will be split in fragments. The best focused fragments are selected and recompiled to generate the panoramic image. Thus all sections of the image are as sharp as possible because they include individual anatomical features, as well as the patient's position. This means that all important diagnostic information, such as roots in the upper and lower jaw bones, are sharply displayed, the mandibular canal is readily visible, and bone structure is clear.

In addition to the S-Pan technology, the display allows for setting a quick-scan function, producing your image within only 7 seconds and thereby reducing radiation dose.



S-Pan technology

Dürr Dental – expertise in systematic digital X-raying

Extraoral and intraoral radiographs – all from a single source



For almost five decades, dentists, clinics and dental centres have been using innovative products from Dürr Dental, relying on our expertise in X-ray imaging on a daily basis.

The combination of the intraoral VistaIntra X-raying device with intraoral image-plate scanners in the VistaScan range will have you ready for every situation. Images are saved with the ergonomic, network-compatible DBSWIN software and are made available at every workstation.

Dürr Dental not only offers excellent products that have won awards for form and design, we also provide the services for your individually adapted X-ray solution. Let us know what you need – we will be glad to advise.

The VistaPano is a top-level 2D panoramic device with S-Pan technology that sets new standards in image sharpness for extraoral X-rays.

Figures, data and facts at a glance

VistaPano S

X-ray HV generator

Voltage, electricity 60 - 90 kV, 4 - 16 mA

Tubes

Focal spot 0.5 mm (IEC60336)
Total filtration 2.8 mm AL

Image detector

Model Csl Sensor
Pixel size 100 µm
Active sensor surface 6 x 150.4 mm
Frame rate 300 fps

Scanning times

Scanning times From 2.5 to 13.5 sec.
Panoramic X-rays of adults
in quick scan mode: 7 sec.

Magnification factor

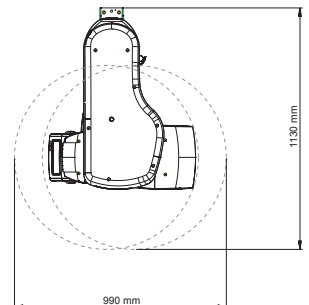
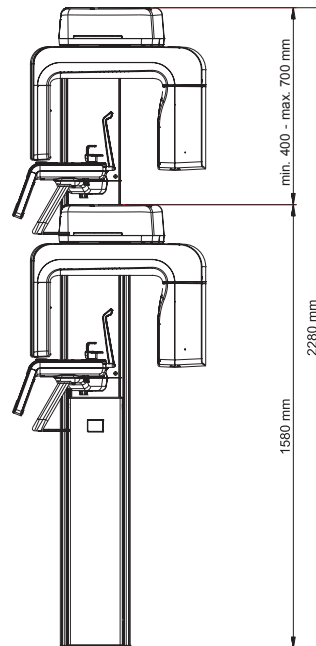
Magnification factor 1.3

Device dimensions

Maximum height 2,280 mm
Weight without pedestal 90 kg
Weight with pedestal 135 kg
Height adjustment range 700 mm
width x depth x height 990 x 1130 x 2,280 mm
Installation Wall mount, pedestal optional

Electrical Connection

Mains voltage 100 - 120 VAC/200 - 240 VAC
Frequency 50/60 Hz
Rated power 2.0 kVA



DÜRR DENTAL AG
Höpfigheimer Straße 17
D-74321 Bietigheim-Bissingen
Germany
www.duerrdental.com
info@duerr.de

