

VistaScan Mini Plus – compact without compromise

Market-leading PCS image plate technology from Dürr Dental



The new dimension in X-ray diagnostics – chairside



VistaScan Mini Plus

Since the introduction of conventional X-ray film development in dental medicine, Dürr Dental has been leading the way in diagnostics for dental surgeries. Dürr Dental digital X-ray systems offer dentists high-resolution images that meet all diagnostic demands. With more than 40 years' experience in the development of X-ray technology, Dürr Dental is able to keep developing practical and innovative new solutions.

The VistaScan Mini Plus image plate scanner makes image plate diagnostics for dentists even faster. The compact device is particularly easy to use and requires a minimum of space – which means that it can be installed in the treatment room. The advantage: chairside X-rays and scans, with full flexibility in terms of image formats. The reusable VistaScan image plates are read out within seconds in top quality. There has never been a better time to change over to plates.

Key features:

- For all intraoral formats
- Excellent image quality
- Compact design
- Ideal chairside device
- Well thought-out operating concept
- PC connection via USB or network



Analog film



Competitors (14-bit)



VistaScan (16-bit)

The greyscale gradation of the VistaScan image plate enables depiction on a par with that of film

VistaScan Mini Plus – compact without compromise

VistaScan Mini Plus considerably simplifies imaging in the surgery:

Switch on and scan – with the proven technology and outstanding image quality for which Dürr Dental image plate scanners are distinguished all around the world. Made in Germany. VistaScan Mini Plus – 'red dot design award winner 2011'.

Image plates
are better
than sensors.*



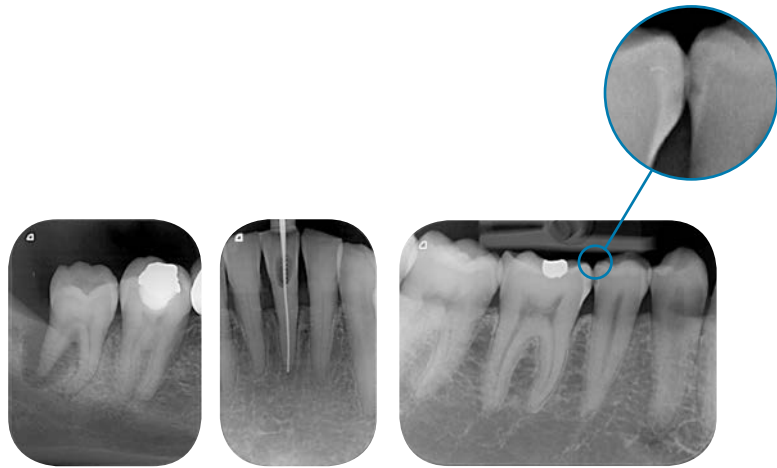
* A comparative study of image quality and radiation exposure for dental radiographs produced using a charge-coupled device and a phosphor plate system. School of Dentistry, Cardiff University, 2009

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No compromises in terms of image quality

Thanks to PCS technology, VistaScan Mini Plus can reliably depict D1 caries lesions and endo instruments up to ISO 06. Market leader with up to 22 LP/mm, 16-bit (65,536) grey scales.



No compromises in terms of flexibility

All intraoral image plates – from size 0 to 4 – can be used with VistaScan Mini Plus. In addition, 100% active surface area is available. Simple handling – just like analogue X-ray film.



No compromises in terms of simplicity

Particularly easy handling – import, erase and prepare for the next image acquisition in a single step. Fast image availability from 6 seconds in the direct vicinity of the patient.



No compromises in terms of equipment

The display shows the key patient data and information for the scanning process at a glance. With an energy-saving standby function included as standard.



Integration without compromise

VistaScan Mini Plus can be operated with the Dürr Dental Imaging software or with third-party software via plugins or TWAIN drivers. It can be smoothly and easily integrated in your surgery workflow via USB or via the surgery network.



Minimum size – maximum image quality



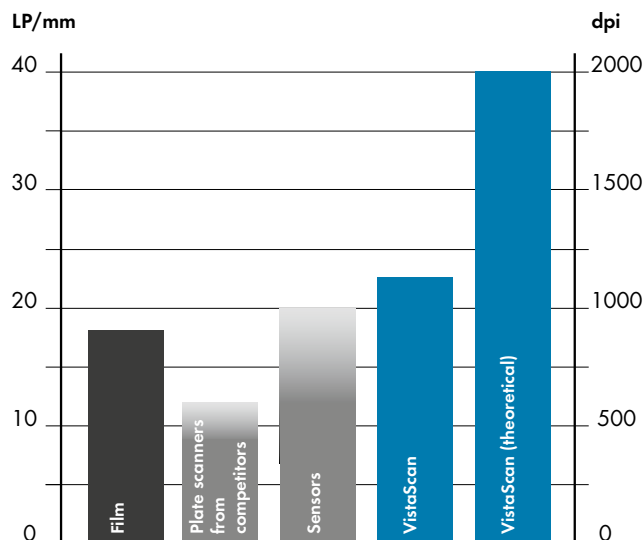
Faster and more reliable diagnostics

Switching from X-ray film to 'digital' image plates? Nothing could be easier. The X-ray exposure procedure remains the same as before. However, diagnostic reliability is increased thanks to optimised detail recognition and sophisticated software support. With the VistaScan Mini Plus you can take advantage of the benefits of Dürre Dental image plate technology in its most compact form. The thin, flexible image plates are pleasant for the patient and particularly durable thanks to their special coating.

Digital X-rays with image plates – the most flexible solution available

Highest image quality, perfect presentation

With detail recognition of up to 22 LP/mm, VistaScan image plates have a higher image resolution than X-ray film and are therefore also better than any competitors. The Photon Collecting System (PCS) from Dürre Dental is already ahead of current image plate developments. Even today, the VistaScan Mini Plus is already equipped for a theoretical resolution of 40 LP/mm. This means that, in terms of diagnostics, you are well-prepared for the future with this compact solution. The Dürre Dental imaging software displays results in outstanding quality and provides an ergonomic workflow. In addition, VistaScan Mini Plus can also be operated with most standard third-party dental imaging software.



A comparison of the effective image resolution of X-ray systems: The VistaScan systems from Dürre Dental achieve a higher resolution than the products of competitors. The latest studies show: Image plate technology is the only way to achieve digitisation without compromise.



Occlusal images for the diagnosis of jaw fractures, impacted teeth, cysts and ulcers



High-resolution bite wing X-rays for perfect diagnosis

All data, facts and accessories

	VistaScan Mini Plus
Display	Yes
Plate sizes	0 to 4
Effective resolution (LP/mm, dpi)	22, 1100
Theoretical resolution (LP/mm, dpi)	40, 2000
Weight (kg)	6.5
Dimensions (H x W x D mm)	234 x 226 x 243
Standby function	Yes
Interfaces	USB/network



Image plate holder system

Image plate holders from Dürr Dental offer optimum protection for the image plate with their smoothed and rounded edges. Holders are available for all applications – their use helps to ensure that accurate X-ray images are produced.



Disinfection with FD 350, FD 333

The FD 350 disinfection wipes from Dürr Dental are particularly suitable for wipe disinfection and cleaning of medical devices. Thanks to their size they are a perfect and inexpensive way to clean small surfaces or objects, e.g. sleeves of intraoral plates and films, straight and contra-angle hand pieces, etc., they can be used straight out of the pack and are quick and residue-free. The disinfection wipes FD 333 offer a fully virucidal solution.



Image plate cleaning wipes

Dirt on image plates will show up in the images and shorten their service life. VistaScan image plate cleaning wipes provide intensive cleaning of the image plates and also have a disinfecting effect. Advantage: long-lasting, optimum image quality.