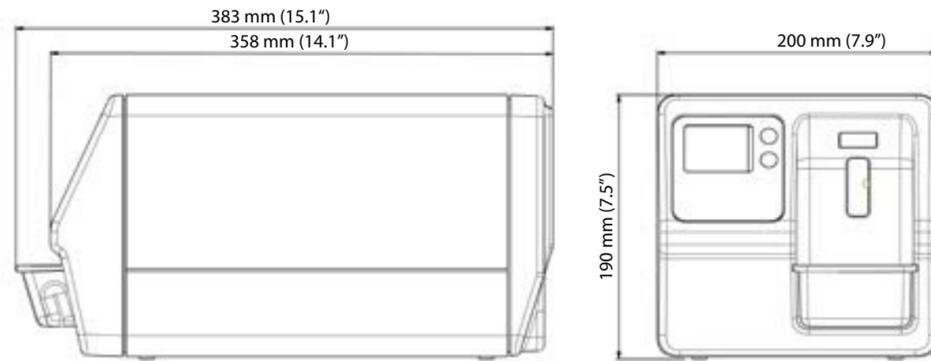


# Technical data

## Success in independent scientific study

Winning plate durability, hygiene and effectivity of the UV cleaning feature stated by comparative study by A Wenzel, F. Kornum et al. @ Aarhus University, Denmark: [www.birpublications.org/doi/abs/10.1259/dmfr.20120353](http://www.birpublications.org/doi/abs/10.1259/dmfr.20120353)  
Article has been published at DMFR magazine 42 (6), 2013.



### DIGORA® Optime DXR-50 001 technical data

Pixel size (selectable)	30 µm (SUPER RESOLUTION) 60 µm (HIGH RESOLUTION)
Resolution	17 lp/mm
Readout time	5 - 8,8 seconds (depending on the plate size)
Connection	Standard network connection (Ethernet RJ45)
DXR 50 Classification IEC60601-1	Continuous operation
Dimensions (H x W x D)	190 mm x 200 mm x 383 mm (7.5" x 7.9" x 15.1")
Weight	9.8 kg (21.6 lbs)
Operating voltage	100 – 240 V, 50/60 Hz
Operating environment	+10°C – +40°C, 30 – 90 RH%, 700 – 1060 mbar

### Workstation PC requirements\*

Operating system	Windows 7, Windows 8 * For full details on computer requirements, please contact your local distributor for the latest information.
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SOREDEX imaging application software SCANORA® (and ClinView XV for the North American market) offer a comprehensive set of imaging tools to assist you with your daily imaging needs. Total flexibility is yours with either single-user or the optional network version. Optional DICOM services integrate DIGORA® Optime into a PACS/DICOM environment seamlessly. SOREDEX® TWAIN integrates DIGORA® Optime with 3rd party software supporting the TWAIN standard.

In addition to SOREDEX® software, DIGORA® Optime can be integrated with practice management and 3rd party imaging softwares, software development kit available for integrators. DIGORA® Optime has a simple to use, standard Ethernet connection to a PC or the network.

With SOREDEX's experience in developing state of the art dental imaging systems since 1977 and intraoral dedicated imaging plate systems since 1994, DIGORA® Optime provides you with a small, smart, fast, easy and reliable visually guided intraoral digital imaging plate system - continuing the pioneering tradition of the famous DIGORA® family.

### Head office and factory:

**SOREDEX**  
Nahkelantie 160,  
FI-04300 Tuusula  
Finland  
Tel. +358 10 270 2000  
Fax +358 9 701 5261  
info@soredex.com

### SOREDEX USA

1245 W. Canal Street  
Milwaukee, WI 53233  
U.S.A.  
Tel. +1 800 558 6120  
Fax +1 414 481 8665  
usainfo@soredex.com

### SOREDEX Germany

Schutterstrasse 12  
77746 Schutterwald  
Germany  
Tel: +49 (0) 781 28 41 98-0  
Fax: +49 (0) 781 28 41 98-30  
kontakt@soredex.de

# Digital imaging made easy™

SOREDEX designs, manufactures and markets easy to use and innovative imaging solutions for dental and maxillofacial professionals. SOREDEX portfolio covers wide range of applications from intraoral, panoramic, cephalometric extending to large field-of-view cone beam CT for demanding ENT and CMF diagnostics. Close co-operation with imaging professionals give us deep insight of how to incorporate true diagnostic value to clinical work.

Our products are known for reliability, simplified workflow and excellent image quality. We are committed to fulfill these promises today and in the future.

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## DIGORA® Optime

Clean-cut intraoral diagnostics.  
On a plate.



## Benefits at a glance

Continuing the SOREDEX® tradition of easy-to-use imaging equipment and benchmarking intraoral imaging plate systems, DIGORA® Optime takes hygiene and usability to the next level with integrated UV cleaning system and clear color graphical display built right into the unit.

### Clinically proven performance

- Repeatable image quality automatically
- Top speed regardless the resolution
- Proven, top reliability
- Longest, strongest experience since 1994

### A new standard for end-to-end hygienic operation

- Automatic, integrated UV cleaning system (patented)
- Touchless operation, front loading
- High quality hygiene accessories

### Designed for your practice

- Visually guided with image preview
- Shows patient name and room number
- All intraoral sizes
- Effective and economic network sharing



## Easy and safe imaging

### For demanding dental professionals

From single dentist practices to intensive use in large dental clinics and imaging centers.

### Maximized safety for the user and patients

Unique Opticlean™ hygiene concept with touchless operation and integrated, automated UV cleaning system (patented).

### Fastest system on the market

Speed and resolution at the same time.

### Proven, top reliability and strongest experience

- SOREDEX started the intraoral IPS business

SOREDEX & DIGORA®: Setting the way for intraoral imaging plate system (IPS) since 1994.



Imaging needs fulfilled with ease



Auto-optimization for repeatable clinical image quality

