DIGORA™ Optime DXR-50 technical data

Pixel size (selectable) 30 μm (SUPER 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 (EN/IEC 60601-1) 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.

DIGORA™ Optime digital imaging made easy™

Soredex Optima Family

Cleaning and disinfection, storage and transportation of imaging plates can be challenging. DIGORA™ Optime includes a unique design where the cleaning process is built directly into the imaging plate. The unique design of DIGORA™ Optime ensures a perfect image every time.

In addition to Soredex’s Optima cleaning solution, DIGORA™ Optime comes as a complete package that also includes a powerful software suite. This includes 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.

With Soredex’s experience in developing some of the most advanced imaging plate systems since 1977, DIGORA™ Optime ensures you a small, clean, fast, easy and reliable visually guided intraoral digital imaging plate system—continuing the pioneering tradition of the famous DIGORA™ family.

Soredex designs, manufactures and sells highly effective and innovative imaging solutions for dental and medical applications. DIGORA™ Optime allows you to harness the power of image focused on capturing, evaluating and managing a large field of view from the entire oral cavity, cephalometric areas to outer field of vision and even CT and MRI examinations. DIGORA™ Optime comes as a complete package with digital image capture and a clean, fast, easy and reliable visually guided intraoral digital imaging plate system, ensuring a perfect image every time.

Soredex is committed to the development of state-of-the-art products that make dental care more efficient and effective. With this in mind, DIGORA™ Optime is equipped with a powerful software suite that includes 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’s commitment to the development of state-of-the-art products and its experience in the dental imaging market make DIGORA™ Optime the ideal choice for dental professionals looking for a reliable and efficient imaging solution.

Soredex designs, manufactures and sells highly effective and innovative imaging solutions for dental and medical applications. DIGORA™ Optime allows you to harness the power of image focused on capturing, evaluating and managing a large field of view from the entire oral cavity, cephalometric areas to outer field of vision and even CT and MRI examinations. DIGORA™ Optime comes as a complete package with digital image capture and a clean, fast, easy and reliable visually guided intraoral digital imaging plate system, ensuring a perfect image every time.

Soredex is committed to the development of state-of-the-art products that make dental care more efficient and effective. With this in mind, DIGORA™ Optime is equipped with a powerful software suite that includes 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’s commitment to the development of state-of-the-art products and its experience in the dental imaging market make DIGORA™ Optime the ideal choice for dental professionals looking for a reliable and efficient imaging solution.

Soredex designs, manufactures and sells highly effective and innovative imaging solutions for dental and medical applications. DIGORA™ Optime allows you to harness the power of image focused on capturing, evaluating and managing a large field of view from the entire oral cavity, cephalometric areas to outer field of vision and even CT and MRI examinations. DIGORA™ Optime comes as a complete package with digital image capture and a clean, fast, easy and reliable visually guided intraoral digital imaging plate system, ensuring a perfect image every time.

Soredex is committed to the development of state-of-the-art products that make dental care more efficient and effective. With this in mind, DIGORA™ Optime is equipped with a powerful software suite that includes 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’s commitment to the development of state-of-the-art products and its experience in the dental imaging market make DIGORA™ Optime the ideal choice for dental professionals looking for a reliable and efficient imaging solution.
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

For proven reliability and emergent response - Soredex started the intraoral IPS business

Soredex & DIGORA™: Setting the way for introral imaging plate system (IPS) since 1994

Benefits at a glance

Continuing the SONDEX™ tradition of easy-to-use imaging equipment and benchmarking introral imaging plate system, DIGORA™ offers reliable 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 hygiene operation

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

For your practice

• Visually guided with image preview
• Shows patient name and room number
• All protocols
• Secure and economic network sharing

Design for your practice

DIGORA™ Optime

Smart Auto-optimization

Auto-optimization for repeatable clinical image quality

Exposure times:

0,05 sec
0,2 sec
0,4 sec

Under-exposed
Correctly exposed
Over-exposed

DIGORA™ Optime: Soniverse Image Quality

Imaging needs fulfilled with ease

Film or “non-smart” digital system

Under-exposed
Correctly exposed
Over-exposed

0
1
2
3

0
0,11 mm
Pedodont

2
27 x 54 mm
Occlusal projection imaging

1
24 x 40 mm
Pedodont

2
27 x 54 mm
Comfort Occlusal™ 4C

3
31 x 41 mm
Standard adult, bitewing and periapical

4C

22 x 31 mm
Pedodont

24 x 40 mm
Small adult

31 x 41 mm
Bitewing and periapical

DIGORA™ Optime: Soniverse Image Quality

- Standard adult
- Pedodont
- Small adult
- Periapical
- Comfort Occlusal™ 4C

Optimized Optimized Optimized

Dental Systems
Soredex

 marching forward