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IT'S TIME FOR EASY SCAN

U·SCAN



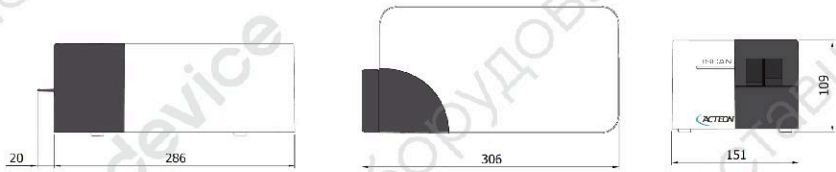
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TECHNICAL SPECIFICATIONS



U-SCAN

GENERAL FEATURES

- Theoretical resolution ..... 17 lp/mm
- Grey levels ..... 16 bit
- Pixel size ..... 30 µm
- Reading time ..... 4.5 s (size 0), 9 s (size 2)
- Image display time ..... 11 s (size 0), 14 s (size 2)
- PSP plate return time ..... 18 s (size 0), 21 s (size 2)
- Plate processing ..... Automatic process of plate size identification, reading and clearing
- Sensitivity adjustemnt ..... Automatic setup of sensitivity on the required dose level
- Plate sizes ..... Size 0 (22X31 mm - 726x1024 pixel)
  ..... Size 1 (24x40 mm - 792x1321 pixel)
  ..... Size 2 (31x41 mm - 1024x1352 pixel)
  ..... Size 3 (27x54 mm - 891x1783 pixel)
- Connection ..... USB 2.0 or Ethernet, to be selected during the order

WORKSTATION CONFIGURATION

WINDOWS® MINIMUM CONFIGURATION REQUIRED

- Operating system ..... Windows® 7
- Processor ..... Quadcore 2.6 Ghz
- RAM ..... 4 GB
- Hard disk ..... 300 GB
- USB ports ..... 2 USB 2.0 Hi-Speed ports
- Graphic card ..... OpenGL 2.1 or better alternatively DirectX 9 or 11 Graphics Device
- USB Chipset ..... Intel® or NEC® / RENESAS®
- Screen resolution ..... 1600 x 1024
- Ethernet board ..... 100 Mbps - 1Gbps

WINDOWS® RECOMMENDED CONFIGURATION REQUIRED

- Operating system ..... Windows® 10
- Processor ..... Quadcore 2.6 Ghz+
- RAM ..... 8 GB
- Hard disk ..... 1 TB
- USB ports ..... 4 USB2 Hi-Speed ports
- Graphic card ..... Delicated graphics card with at least 1 GiB memory
- USB Chipset ..... Intel® or NEC® / RENESAS®
- Screen resolution ..... 1920 x 1080 for optimal planning or better
- Ethernet board 1Gbps

MAC® MINIMUM CONFIGURATION REQUIRED

- Computer ..... MacBook Pro 13.3" or iMac 21.5"
- Operating system ..... 10.12 Sierra
- Processor ..... Quadcore 2.6 Ghz
- RAM ..... 4 GB
- Ethernet board ..... 1 Gbps

MAC® RECOMMENDED CONFIGURATION REQUIRED

- Computer ..... iMac 27"
- Operating system ..... 10.14 Mojave
- Processor ..... Quadcore 2.6 Ghz+
- RAM ..... 8 GB
- Ethernet board ..... 1 Gbps

For Yosemite and El Capitan operating systems, a Mac® computer from 2013 or later is request.

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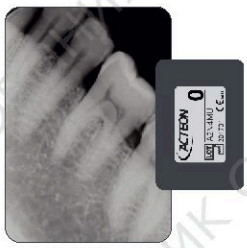
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WIDE RANGE OF DENTAL APPLICATIONS

4 plate sizes are available to best suit all your clinical needs.





22x31 mm
Size 0
Child



24x40 mm
Size 1
Child / Adult, Periapical



31x41 mm
Size 2
Adult, Bitewing / Periapical



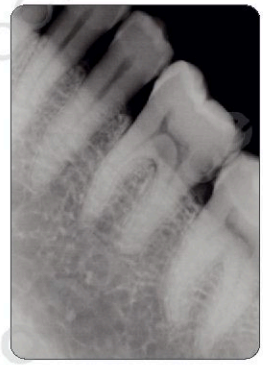
27x54 mm
Size 3
Bitewing

ACCURATE IMAGES FOR PRECISE EXAMINATIONS

Detect also smallest details thanks to high image definition with 17 lp/mm resolution.
U-SCAN provides **accurate images** and **striking contrast** to ensure a **reliable diagnosis.**







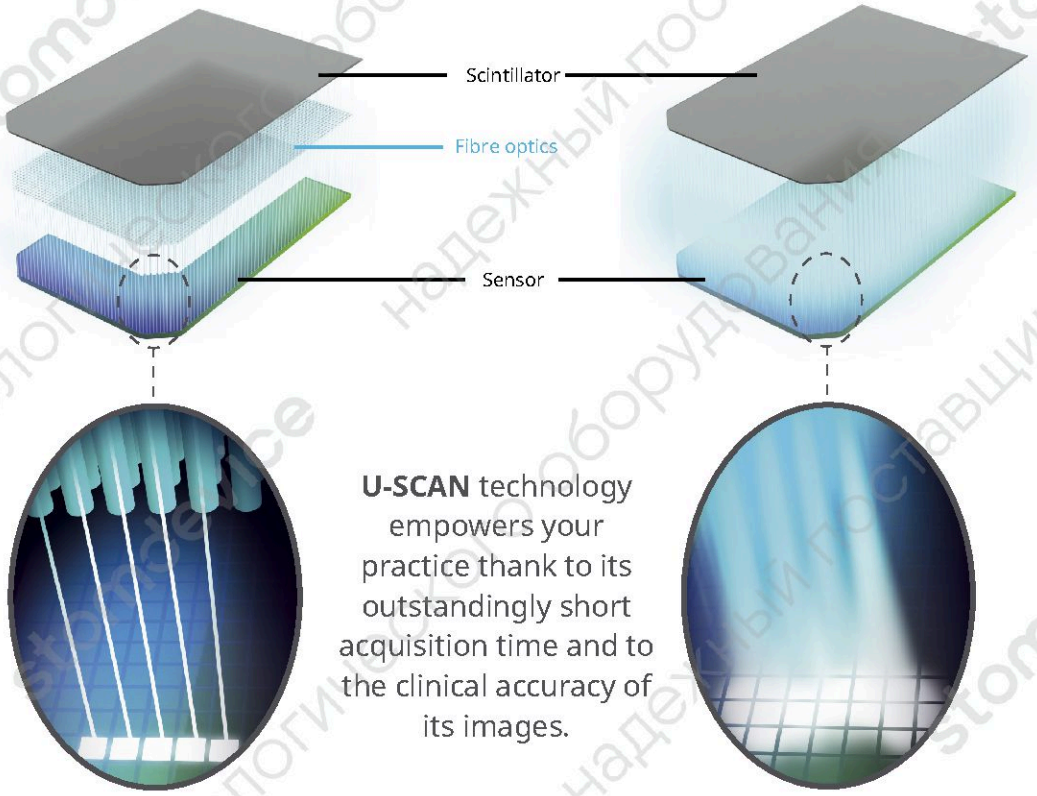
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STRIKING CONTRAST FOR RELIABLE DIAGNOSIS

2 FIBER 1 PIXEL

U-SCAN uses optical microfiber technology which allows a guided transmission of the emitted photons, providing, thus, sharper and highly contrasted images.



U-SCAN technology empowers your practice thank to its outstandingly short acquisition time and to the clinical accuracy of its images.

FULLY AUTOMATED WORKFLOW FOR QUICK DIAGNOSIS



BLUE: unit connected



Yellow: unit initialising or scanning mode



Green: unit ready for acquisition

- **U-SCAN** automatically recognizes the size of the plate. After the quick scanning process your image is displayed on your screen and the plate is erased.
- A multi-color LED interface guides you through each step of the workflow.

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MULTI-USER SOLUTION

U-SCAN is a multi-user solution, able to be shared among different rooms.



EXCEL IN YOUR ANALYSIS IN RECORD TIME

U-SCAN comes with Acteon imaging suite, a complete toolset for images acquisition and visualization, which offers all the patient management functionalities needed for a seamsless integration of the device in your practice.

AIS

WINDOWS® COMPATIBLE

**acquisition not possible with MAC - REMOVED*



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ALL THE FUNCTIONALITIES YOU NEED IN ONE DEVICE

U-SCAN IS A COMPLETE AND RELIABLE SOLUTION FOR DENTAL IMAGING ENCLOSED IN A CLEAN AND ELEGANT DESIGN

- **Automatic phosphor plate recognition for streamlined operations and time saving for the practitioners**
- **17 lp/mm resolution for an accurate and reliable diagnosis**
- **4 different plate sizes for a wide range of use**
- **Multi-user solution for an improved work efficiency and an enhanced productivity**
- **Light and compact design for an easy integration in the dental office**
- **Fast display time (11s for size 0) and automatic plate clearing at the end of the process**

ACTEON SERVICE I& YOU!

"Clinical trainers" are available to show you the clinical aspects and patient benefits of ACTEON® products and train you on how to use them.

Free, ongoing and unlimited service can be reached Monday to Friday, from 09:00 to 18:00.

ACTEON® can also analyse and troubleshoot remotely, and specalist technicians can provide on-site service as quickly as possible.

U-Scan is manufactured by de Götzen s.r.l and distributed by Acteon Group. The medical device U-Scan is a class IIa device according to the applicable European Directive. The device is CE marked by the Notified body: IMQ – CE 0051. This medical device for dental care is reserved for healthcare personnel; it is not covered by health insurance providers.

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