

Technical specifications.

HANDPIECE	
Weight	175 g
Dimensions (mm)	175 x 49 x 39
Power supply	Not necessary
Remote Control	YES
Keys	(Start scan & Mode)
Connectivity	USB-A 3-0
Cable length	180 cm
Replaceable cable	YES (directly in the practice)
SCANNING	
Accuracy (full arch)	20.0 µm
Acquisition depth	18 mm
Field of view (mm)	16 x 14 (with Large Tip) 12 x 12 (with Small Tip)
Calibration	Not Necessary
Tip dimensions	22 x 18 mm (with Large Tip) 18 x 16 mm (with Small Tip)
Sterilisation	Autoclavable, over 60 cycles - 134°C for 4 minutes
SOFTWARE FUNCTIONS INCLUDED	
MyScan Connect	Patient data and image management
MyScan Connect WEB	Patient data and image management web platform
Auto-Synchronisation in the Cloud	YES
APP Store	Clinical and communicative applications can be downloaded, installed and updated
Scan Acquisition	Acquisition software with clinical tools (measurement, drawing of margin line, undercut check, etc.)
Artificial Intelligence	YES (to remove soft tissues or artifacts from the scan)
APPS INCLUDED	
Smile Design	Aesthetic design of smile (requires acquired extraoral photos captured with camera or other device)
Oral Health Report	Report to share patient's oral health status with the patient or the digital partner
Mesh Compare	Comparison of different acquisitions and monitoring of treatment progress
Ortho Simulation	Orthodontic simulation performed via AI on digital models of the patient (for communicative purposes only)
Model Builder	Finalisation of models and preparation for printing (digitalization of the plaster cast collection)
MINIMUM AND RECOMMENDED PC REQUISITES	
Supported operating systems	Microsoft® Windows® 10 (Professional 64 bit) and 11
Processor	LAPTOP: 11 th generation Intel® Core™ i5-11400H or AMD Ryzen™ 7 5700U (minimum) 11 th generation Intel® Core™ i7-11800H or AMD Ryzen™ 7 5800H (recommended) DESKTOP: 10 th generation Intel® Core™ i5-10600 or AMD Ryzen™ 5 3600 (minimum) 11 th generation Intel® Core™ i7-10700 or AMD Ryzen™ 7 3700X (recommended)
RAM	16 GB (minimum), 32 GB (recommended)
Graphics card	LAPTOP: Nvidia GeForce GTX 1660 6 GB (minimum), Nvidia GeForce RTX 2070 Super 8 GB (recommended) DESKTOP: Nvidia GeForce GTX 1660 Ti 6 GB (minimum), Nvidia GeForce RTX 2060 Super 8 GB (recommended)
Ports	USB 3.2 Gen1 Type-A
Monitor	120 x 1080, 60Hz
Conformity	IEC60950, IEC60601-1, IEC60601-1-2 (EMC)



www.myray.com



BU Medical Equipment

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Data may be subject to change without notice. 04/2024 MSCWRGBZ41500
According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information.



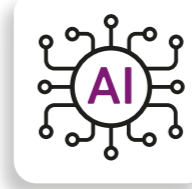
MyScan WR
Wired intraoral scanner



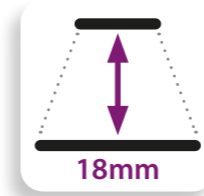
The power of digital.

The MyScan WR intraoral scanner simplifies the transition to digital. Plug & play connectivity, thanks to a single, removable and replaceable USB cable means you can work anywhere. A light handpiece and the use of artificial intelligence ensure extremely fast, user-friendly image capture.

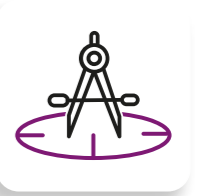
Light, easy, advanced.



AI ALGORITHMS
for assisted soft tissue removal



18mm
DEPTH OF FIELD

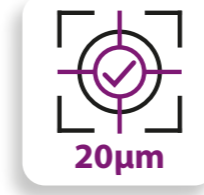


CALIBRATION
NOT REQUESTED

AUTOCLAVABLE TIPS
in two dimensions



GYROSCOPE
for remote control of the digital flow



20µm
ACCURACY
of full-arch scan

DUAL SCAN BUTTON
to control the stages of acquisition



DEDICATED FILTERS
to highlight and sharpen details and provide realistic images



175g.
LIGHTNESS
Maximum comfort

SINGLE CABLE
USB 3.0



IMPACT RESISTANT
thanks to a design that shields the internal optics



Simplified workflows.

Freedom of movement and secure results thanks to cutting-edge MyScan WR engineering solutions.

Outstanding ergonomics with the ultra-light handpiece weighing just 175 grams. MyScan WR is computer-connected with a single USB cable: no additional converters or cables to get in the way. Thanks to the integrated gyroscope, no mouse or keyboard is needed to manage acquisition flows: everything can be done with the handpiece as if it were a remote control.

The AI can be modulated to different intensities: this means you can opt out of acquiring tongue, lips, fingers or other objects that might have an effect on data quality.

You don't need anything else.

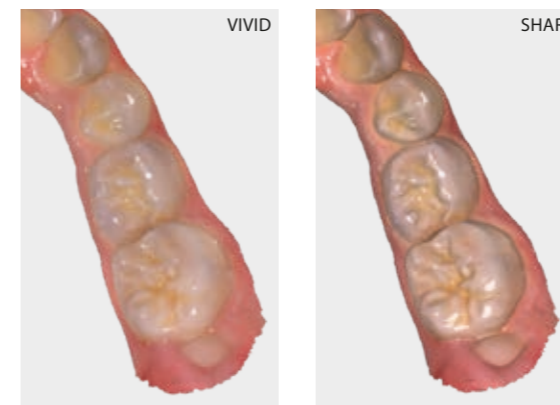
- Extremely manageable
- Single connection cable
- Integrated gyroscope
- Assisted acquisition with AI



MAXIMUM SCAN QUALITY

Manage all clinical applications independently with MyScan WR.

Full-arch accuracy of 20 μ m.



FUTURISTIC ARCHITECTURE

The MyScan WR set-up is decidedly future-focused. Innovative soft tissue removal functions. Advanced image processing algorithms and the Vivid filter let you obtain sharp, detailed models to ensure rewarding, meaningful engagement with the patient. The Sharp filter lets you maximise sharpness of every detail so you can assess and/or verify even the most complex oral cavity situations.



EVERYTHING IN SECONDS

Obtain digital models of the dental arches in just a few seconds thanks to high-performance AI and a camera with an ultra-high frame rate.

MyScan Connect, optimise your workflow.

Web platform, constantly evolving clinical and communication applications.

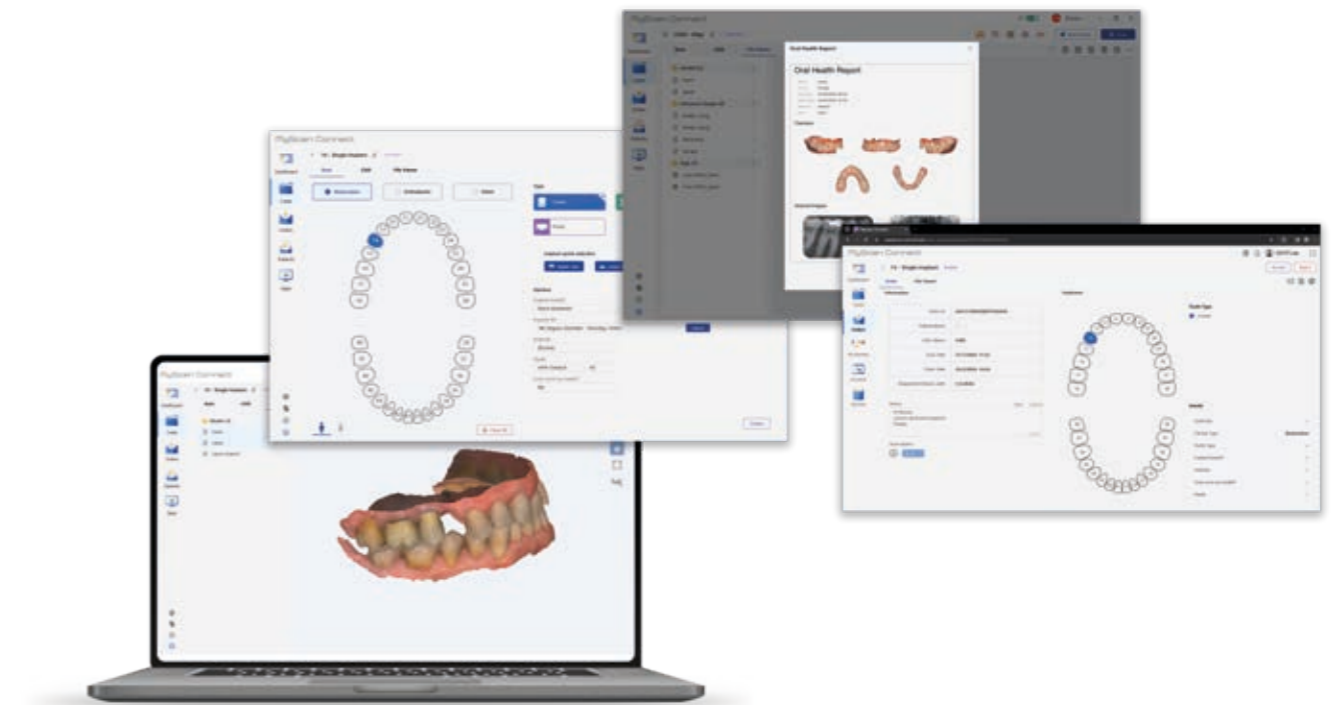
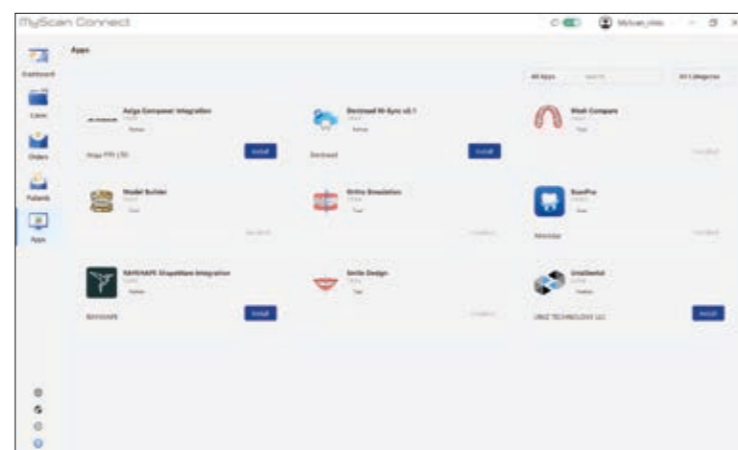
Operate in-cloud and manage data both inside and outside the practice. Immediate, intuitive communication with patients.

The APP Store lets you install and update the available applications, ensuring maximum MyScan WR performance and compatibility at all times.

Expand and complete digital workflows with plug-ins for the integration of 3D printers or third-party services.

Do it better.

- Automatic cloud synchronisation
- Effective communication with patients
- Web version for multi-platform use
- Extensive integrated APP Store

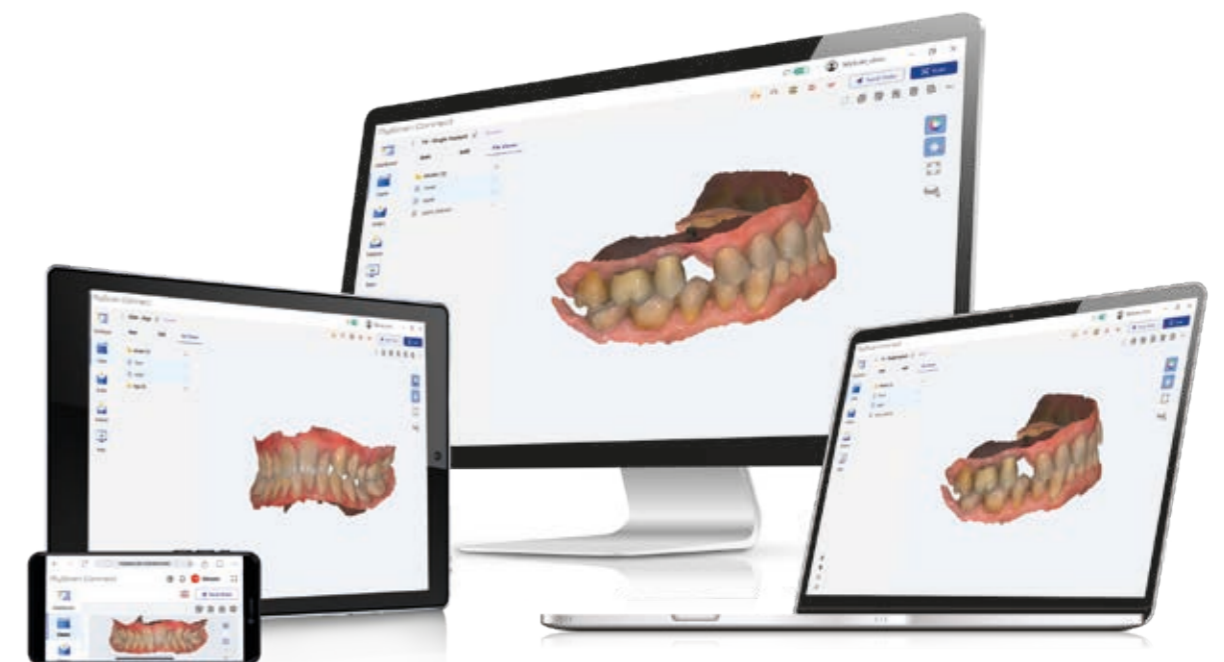


JUST A FEW SIMPLE STEPS

Enter the patient data, create the order form and scan.

The data auto-synchronization tool makes all patient models and images immediately available (both locally and in-cloud).

You'll be able to check, share or request a restoration from the lab or service center, also remotely via PC, Mac, tablet or smartphone, at any time.

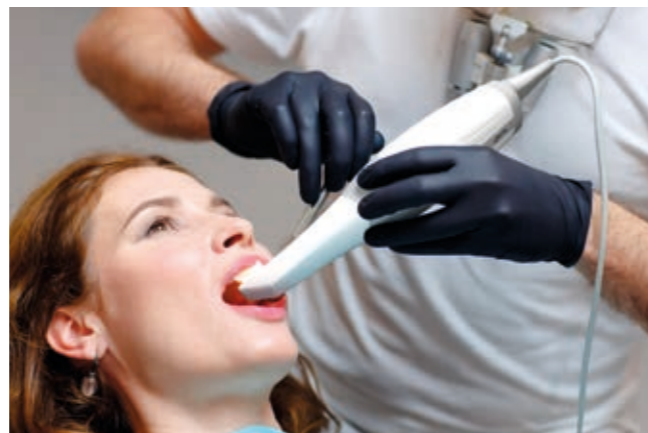


ScanPro, the scan for you.

A full range of functions to improve and simplify clinical applications.

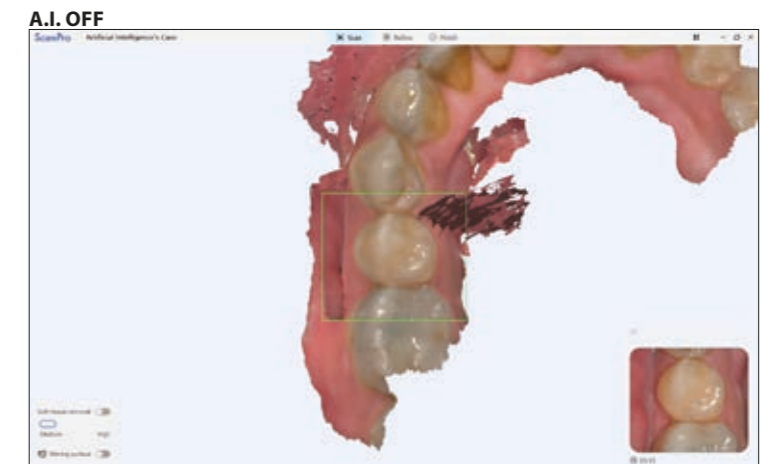
Take advantage of tools for linear or interocclusal distance measurements, for detecting undercuts, checking scan quality and applying high definition to specific anatomical areas. MyScan WR features advanced image capture technology that lets users simultaneously record not only 3D images but also photographs of the oral cavity, all of which, thanks to the Intraoral Camera tool, can be consulted and shared at all times. Highly useful for enhancing dentist-patient communication or sending photographic close-ups to the lab. **Accurate, fast, simple.**

- Wide range of clinical instruments
- High definition
- Simultaneous acquisition of 2D and 3D images
- Camera mode



ASSISTED ACQUISITION WITH AI

Fast, clean, precise scans. Artificial intelligence performs automatic real-time removal of soft tissues, artifacts or duplications, maximising performance.



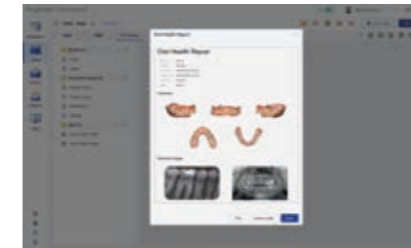
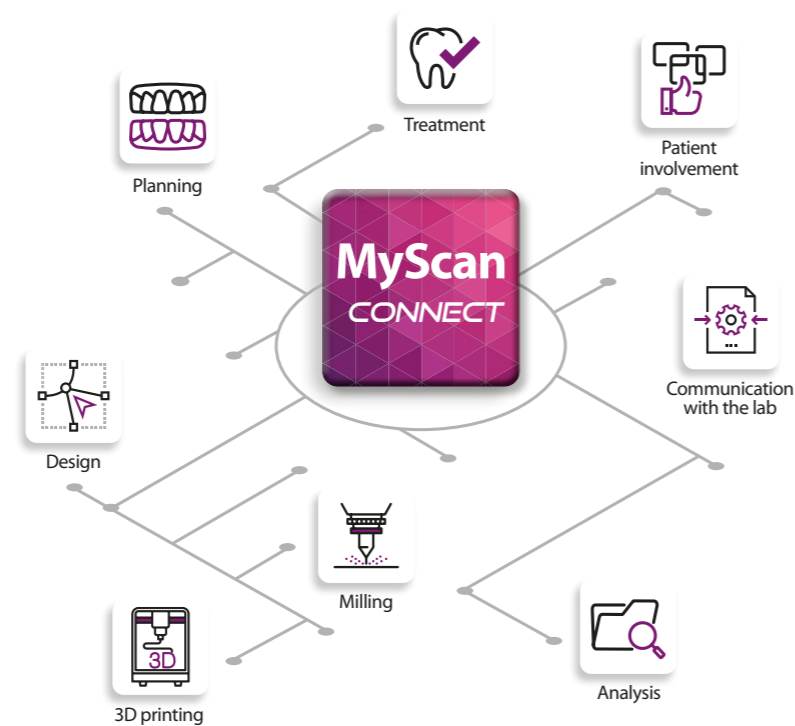
User-friendly digital workflows.

Make the patient 'virtual', design and revolutionize communication.

A broad portfolio of clinical-communicative applications that combines the benefits of outstanding optics and three-dimensional radiology enhances your investment and constantly renews it with automatic updates. You'll have tools that let you 'virtualise' the patient, design the smile, compare oral health states, work in chairside mode or engage in prosthetically-guided implant surgery... and much more.

It fits!

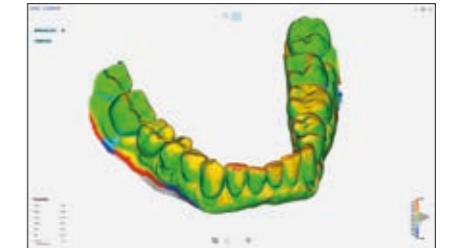
- Integration with CBCT devices
- Automatic updates
- Applications for creation of the 'virtual patient'
- Added value for the practice



Oral Health Report
Automatically produce a patient oral health report.

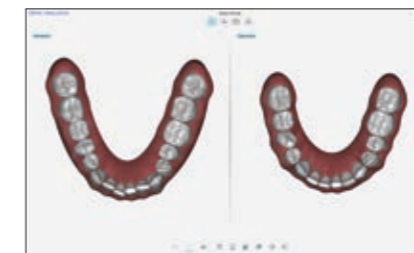


Model Builder
Create, save and print your digital plaster cast collection.

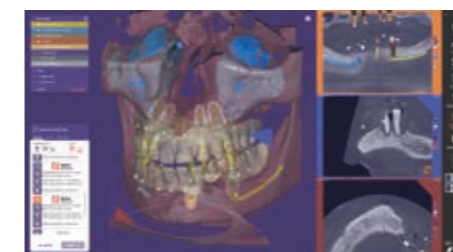
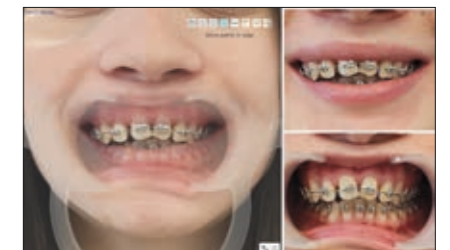
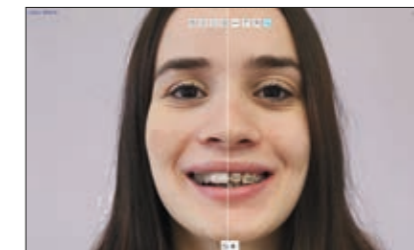


Mesh Compare
Compare two scans and see how treatment is progressing.

Ortho Simulation
Present a treatment proposal using virtual planning.



Smile Design
Share treatment with your patient in a way that enhances understanding and effectiveness.



exoplan®
The integration of exoplan lets you merge all your practice's digital images on one simple cutting-edge software platform. Face scans, optical impressions, 3D X-rays and implant planning are integrated in a user-friendly, guided, workflow that helps dentists with implant planning and surgical guide design. To allow optimised use of exoplan, exocad provides a market-leading range of over 780 libraries: undated daily, these contain more than 13,000 validated implants and more than 3,300 surgical components.



exocad Smile Creator®
Thanks to the integrated exocad Chairside module you can combine the acquired optical impressions with patient photos or face scans, creating in-CAD smile designs that lead to predictable makeover results. Gain greater control over outcomes and improve communication with your patients and partners. You'll be able to assess the aesthetic relationships between teeth, smile and face, providing dental technicians with a realistic perspective for restorative treatment plans. Guided workflows and comprehensive functionality make Smile Creator a user-friendly intuitive yet powerful digital planning solution for cosmetic dentistry.