



Wireless Intraoral Scanner

FREEDOM



DOF

Freely without a wire

FREEDOM **i**

Give your patients the comfort of digital treatment with FREEDOM i, DOF's new intraoral scanner. FREEDOM i reduces chair time and the number of visits by obtaining accurate data quickly, while at the same time increasing the satisfaction of patients and clinic staff.

With FREEDOM i, you can enjoy scanning as if you were playing a game. Its intuitive interface, standard battery, and D-pad control were all designed with user convenience in mind.

DOF provides dental modelless total solutions, including FREEDOM i, a wireless intraoral scanner, and CRAFT 5X, a milling machine for clinics.





WIRED &

WIRELESS

AVAILABLE

AVAILABLE

Wired & Wireless Switchable

Feel the freedom of wireless. There is no limit to the scanning angle, which reduces user fatigue. Since there is no cable interference during scanning, handling is much more comfortable than with wired scanners of the same weight. Users can scan patients in a comfortable posture. If the battery is low, you can use it by connecting the cable while the battery is charging.

STANDARD



BATTERIES



AVAILABLE

Standard Batteries Available

FREEDOM i significantly reduces maintenance costs by using a standard battery*. Unlike other scanners, you can purchase batteries online or in local stores for 1/10th of the price of those sold by manufacturers only.

* 18650 battery.

As battery charging takes a while, it is beneficial to have a sufficient supply of batteries and chargers on hand for quick and comfortable treatment. You can operate the intraoral scanner freely and comfortably without worrying about charging time by purchasing enough standard batteries and chargers as you need.

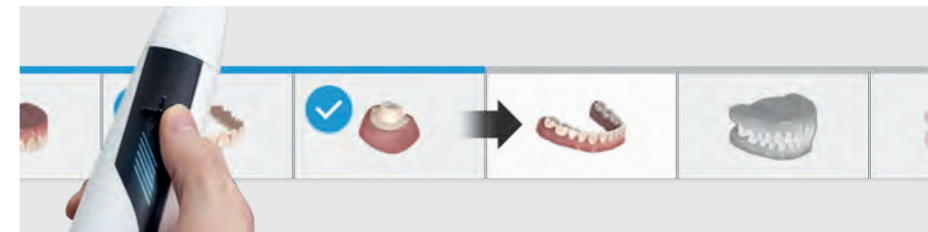
CONTROL WITH

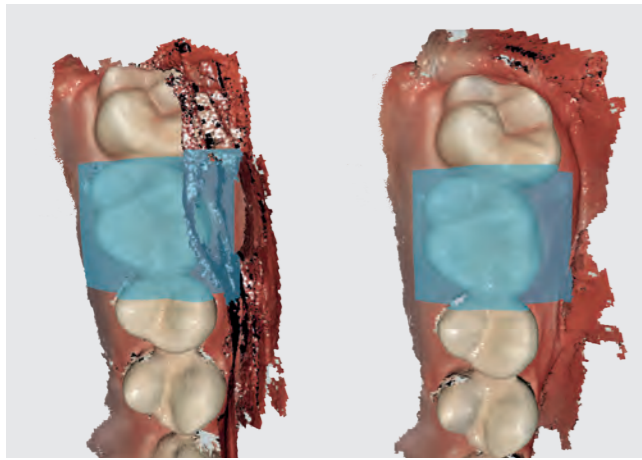


THE D - P A D

Easy Control with the D-Pad

Scan quickly and easily with the D-pad. Scanning a patient's teeth using a mouse or touch screen is very cumbersome and may lead to unhygienic conditions. Using FREEDOM i's D-pad, which consists of four direction buttons and a selection button, users can easily control the scanner and select software options with their thumbs.





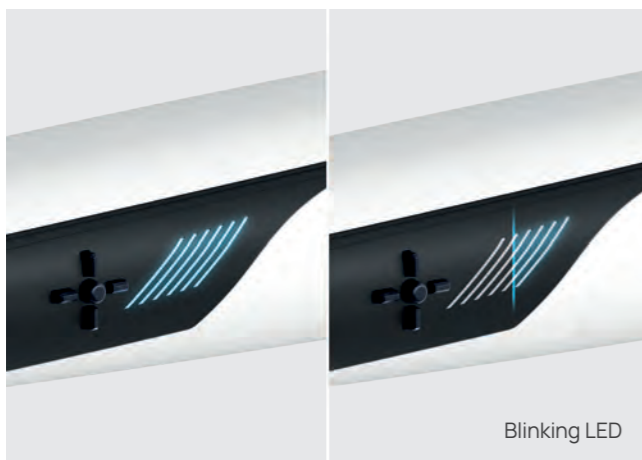
Smart Scan Filtering

With FREEDOM i, scanning is made more efficient with high-performance digital scan filtering. By deleting cheeks and fingers, which adversely affect scanning results, the data becomes more precise. Also, data misalignment is automatically detected and corrected.



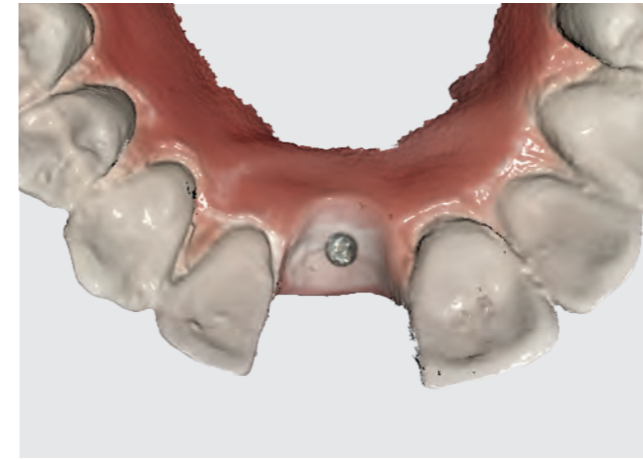
Precise Occlusion Scan

Since intraoral scan-based restorations do not require a model, a more precise occlusal relationship is required. FREEDOM i boasts excellent occlusal precision by using DOF's measurement technology (POM Technology). Therefore, the probability of rework due to inaccurate occlusion data can be dramatically reduced.



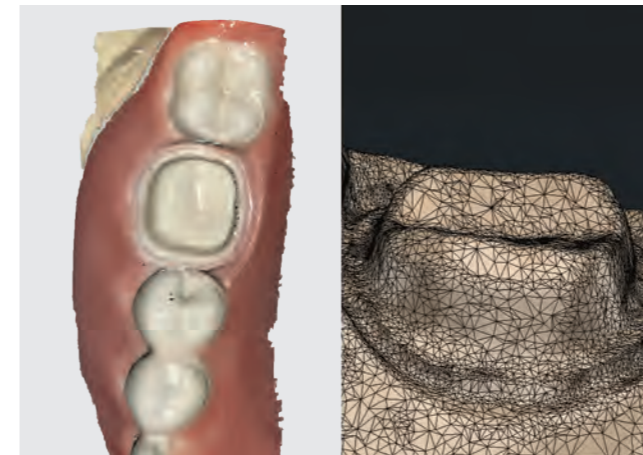
LED Light

The on/off status of the scanner and the remaining battery level can be identified by the LED light on the front of the scanner body. This prevents the scanner from turning off due to battery discharge during scanning.



Depth of Field

Depth of field refers to the depth the scanner can scan. A deep depth of field allows you to scan areas further away from the scanner tip. FREEDOM i has a very deep depth of field, so even implant cases can be easily scanned.



High Resolution Prep Teeth Output

Only the prep teeth area is output in high resolution. High resolution output for adjacent teeth increases the scan data size unnecessarily, which can negatively affect data processing speed. With high resolution margin lines for the prep teeth, the final restoration will fit better.



Camera Mode

Take photos and videos easily. A patient's oral environment can be captured for the purposes of medical treatment or restoration making. Using the D-pad, you can quickly and easily take pictures with a single touch.

WORKFLOW

01 Connect the Scanner



02 Select Scan Process

Start scanning with one-click on the D-Pad.



03 Scan



04 04-1. Prep Tooth Scan

Simple prep tooth scanning without margin trimming.



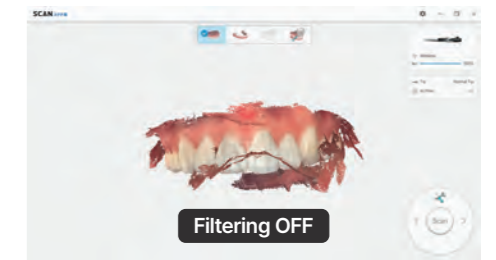
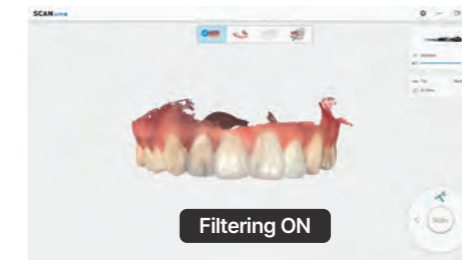
04-2. Scanbody Scan

Easy scanbody scanning separated from base data.



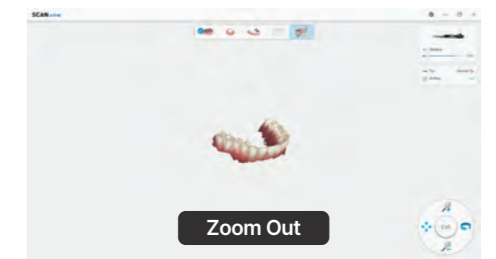
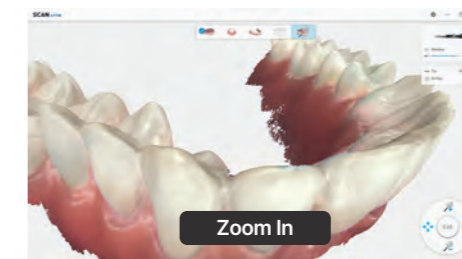
05 Smart Scan Filtering ON/OFF

High-performance smart scan filtering.



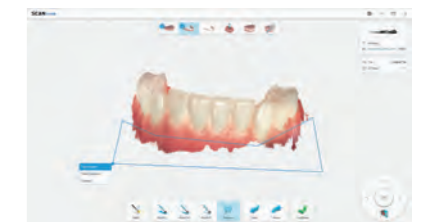
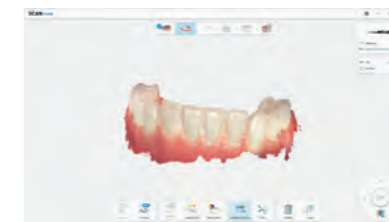
06 D-pad Zoom In & Zoom Out

Simple view control with the D-Pad.

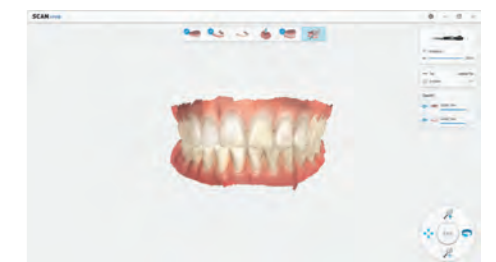


07 Tools – Additional Scan, Trim

Additional options for improving final data.



08 Complete



DOF's Customer Care

We make progress along with our customers.

DOF promises to grow as we communicate with our customers. Every product provided by DOF is planned and designed through taking into consideration what functions are required by our customers and what may be considered inconvenient by our customers. Even after a product is complete, DOF continuously applies the feedback provided by our customers to improve our products.

To help our customers work more conveniently and joyfully is the dream and future DOF envisions.



Achieve FREEDOM, Upgrade Your Potential



Technical Specification

Item Name		Stomatoscope, Flexible, Fibreoptic
Product Name		Intraoral Scanner
Model Name		DSI-100
Camera Resolution		1920 x 1200 Pixels
Field of View		At Least 12.8 x 10.5 mm
Depth		At Least 15 mm
Light Source		LED (White, Blue)
Dimensions		296.63 x 59.96 x 50.31 mm (Body + Tip)
Weight		282g (Body + Tip)
Electrical Rating	Adapter	Input : AC 100-240V, 50-60Hz, 1.2 A (1.2-0.5) A Output : DC 12 V, 3.4 A Manufacturer : BridgePower Corp Model Name : BM040S12N03
	Battery	Normal Voltage : 3.6V 3500mAh(12.6W), 11NR19/66(18650)
Power Consumption		50W
Communication Standard	Wireless	CE/FCC/IC 802.11 ac(VHT40) : 5 190 MHz ~ 5 230 MHz 802.11 ac(VHT80) : 5 210 MHz 802.11 ac(VHT40) : 5 755 MHz ~ 5 795 MHz 802.11 ac(VHT80) : 5 775 MHz Telec 802.11 ac(VHT40) : 5 190 MHz ~ 5 230 MHz 802.11 ac(VHT80) : 5 210 MHz
	Wired	Gigabit Ethernet (1000BASE-T, IEEE 802.3ab)
Electric Shock Protection Type and Degree		Class 2 Equipment, BF Type Equipment

About DOF Inc.

DOF is a CAD/CAM solution company specializing in developing the world's best 3D dental scanners and dental milling machines. Since the foundation in 2012, DOF has been bringing a new sensation to the industry and has been indicating a rapid growth through developing camera moving scanners. DOF always leads the market through developing innovative products such as FREEDOM X5, a 5-megapixel 3D dental scanner boasting the highest precision in the world, and FREEDOM F, a face scanner capable of directly reproducing the face of a patient into 3D data.

DOF promises to grow as we communicate with our customers. Every product provided by DOF is planned and designed through taking into consideration what functions are required by our customers and what may be considered inconvenient by our customers. Even after a product is complete, DOF continuously applies the feedback provided by our customers to improve our products. To help our customers work more conveniently and joyfully is the dream and future DOF envisions.



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Design and specifications are subject to change without notice to improve performance.

