

PD-3 LAB SCANNER





Shenzhen Philden Tech Co., Ltd



PD-3 Lab Scanner User Manual

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PD-3 LAB SCANNER User Manual



1. Basic Information

1.1 Product Use

The dental desktop 3D scanner is mainly used to turn dental models into digital models. The software outputs 3D digital models through 3D scanning, which facilitates CAD design and CAM manufacturing.



1.2 System Configuration

Recommended Configuration

CPU	Intel I7 13700 or higher
Memory	32G or higher
Graphic	NVIDIA GeForce GTX2060SUPER 8G or higher (Not supporting Radeon)
Operating System	Windows 11 64-bit

Minimum Configuration

CPU	Intel I7 10700 or higher
Memory	16G or higher
Graphic	NVIDIA GeForce GTX1660 6G or higher (Not supporting Radeon)
Operating System	Windows 10 64-bit

*You can get a better experience with the recommended configuration

1.3 Accessories Illustration



1.4 Product Installation

1.4.1 PD-3 Installation



3 Turn on the power switch



1.4.2 Software Installation

Scan for Lab is installed with Control Center. View the Control Center instructions for more information.

▲ Run the ControlCenter _X.X.X.X.exe file and select the installation language.

Select Setup Language			
ငာ	Select the language to use during the installation:		
	English (British)	~	
	OK Cancel		

▲ Select the path to install the software and click [Next] to start the installation.

🖸 Setup - DENPARK Control Center — 🗌 >	\times
Select Destination Location Where should DEWARK Control Center be installed?	Ĵ
Setup will install DENPARK Control Center into the following folder.	
To continue, dick Next. If you would like to select a different folder, dick Browse.	
C:\DENPARK Browse	
Acteast 1.17 Ob or mee disk space is required.	
Back Next Cancel	

▲ The program will install automatically and may take a few minutes. Do not turn off your computer or unplug it until the installation is complete.

Setup - DENPARK Control Center -	• ×	Setup - DENPARK Control	Center – 🗆 🗙
Installing Please wait while Setup installs DENPARK Control Center on your computer.			Completing the DENPARK Control Center Setup Wizard
Extracting files D:\DENPARK\DScan\cublasLt64_11.dll			To complete the installation of DENPARK Control Center, Setup must restart your computer. Would you like to restart now?
		(m)	No, I will restart the computer later
	Cancel		Finish
	Cancel		Finish

2. Calibration Guide

After installing the software, the scanner needs to be calibrated for the first use. You can also calibrate it regularly to get good quality scanning data.

Please note that the calibration plate is a precision accessory, do not contaminate or scratch the surface. If the calibration process is not performed properly, please check the calibration plate. If the surface of the calibration plate is damaged, please contact the manufacturer or your local distributor promptly.

2.1 General Version

To start a scanner calibration you need to enter from ControlCenter and click to enter the scanner calibration screen.

1	Work box				All orders	•	Q Import C	arders	Creat	e Ne
	All orders Not scanned	Scanned								
	Order number	Name	Type of case	Date created	Technician name	Clinic name	State			
	AP20230216114153	huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	Ð	C	G
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	₽	C	đ
	AP20230216114153	huhuzi	Arch	2023=02=16 14: 30	Apple-1	Fruit clinic	Not scenned	₿	C	G
	AP20230216114153	huhuzi	Arch	2023-02-18 14: 30	Apple-1	Fruit clinic	Not scanned	Ð	C	Ē
	AP20230216114153	huhuzi	Multi-Die	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scenned	Ð	C	Ū
	AP20230216114153	huhuzi	Multi-Die	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	₽	C	Ē
	AP20230216114153	huhuzi	• repair	2023=02=16 14: 30	Apple-1	Fruit clinic	Not scenned	Ð	C	Ē
	AP20230216114153	huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scenned	₽	C	đ
	AP20230216114153	huhuzi	Arch	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	Ð	C	đ
	AP20230216114153	huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B	C	G
	AP20230216114153	huhuzi	 repair 	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	₽	C	Ē
	AP20230216114153	huhuzi	repair	2023+02-16 14: 30	Apple-1	Fruit clinic	Not scanned	Ð	C	G

▲ After entering the calibration page, place the calibration plate according to the prompt and click [Auto Calibration] to start the calibration.



▲ During the calibration process, the calibration progress is displayed in real time, and if you need to cancel the calibration, you can click the [Cancel] button.





▲ After the calibration is completed, click the [Close] button to finish the calibration operation.

3. Scanning Guide

3.1 User Interface Overview



3.1.1 Navigation Bar



The navigation bar shows each scanning step and the alignment steps required to complete the scan. You can follow the given steps in order to complete the scan, or you can freely switch the scanning steps according to your actual needs.

*Note: Only the scanning step can be switched freely, the alignment step cannot be switched freely for the time being.

3.1.2 Camera Window

*	The camera viewpo screen in real time following features.	ort displays the window and also includes the	
	Auto brightness adjustment	For automatically adjusting the brightness suitable for scanning according to the model	
	Manual brightness adjustment	For manual adjustment of the brightness suitable for scanning	
Ô	Camera view switch For switching between le right camera views		
1	Scan height setting Used to set the scanning height of the model, models below the blue line data is not scanned		

3.1.3 Usage Strategy

At the scanning step, the strategy area indicates the model to be scanned at the current step and the position of the model in the fixture; at the alignment step, the strategy area indicates the object to be aligned at the current step and a schematic of the alignment operation.



3.1.4 Operation Bar

The specific actions for each software function module appear in the action bar area.

Scanning module



▲ Complementary sweep module



[M]	Manual mode	Using manual mode to add scan
[A [‡]]	Auto mode	Using auto mode to add scan
	Add scan	According select mode to add scan
ר_ם בם	Delete scan	Deleting manually added scan data

▲ Alignment module

WW	Single point align	Select a set of corresponding points on the model to complete the alignment
	Three point align	Select three sets of corresponding points on the model to complete the alignment
 Image: A start of the start of	Point clear	Clear selected points
G	Reset	Reset alignment status
\rightarrow	Exit	Exit manual alignment mode

3.1.5 Tool Bar

The toolbar area includes the commonly used model editing tools.



	Select tool	Various selection tools for data deletion from models
	Hole filling	Filling of model hole areas
Ð	Screw Channel Sealing	Fill the abutment hole instead of the traditional wax filling method
	Base generation	Generate a closed base for the tooth model

▲ Select tool

	\circ	> █ @ ◆ ಔ 🗑 ❷ ຢ →
	Brush	Select the brush tool, hold down the left mouse button to paint and select the desired data area
0	Plane	Select the plane tool, you can freely drag and rotate the plane to select the desired data area
	Rectangle	Select the rectangle tool, hold down the left mouse button and drag to select the desired data area
\mathcal{Q}	Lasso	Select the lasso tool, hold down the left mouse button and drag freely to select the desired data area
	Link area	Select the connected domain tool and left mouse click to automati- cally select the connected body area
Ъ	Intersect	When turned on, the selection tool will enable pass-through selection
	Invert sel	Inverse selection area
ALL	Clear	Cancel all selected areas
Ó	Delete sel	Delete selected data
5	Repeal	Repeal the previous operation
2	Recover	Resume the previous operation
\rightarrow	Exit	Resume next operation
	Eraser	With the selection tool, you can deselect the data in the selected area

▲ Hole filling tools



	Manual hole filling	Double click on the left mouse button to select the hole area to be filled
∩ ● ∩ * A	Auto hole filling	Automatically fills all hole areas shown
5	Repeal	Repeal the previous operation
3	Recover	Resume the previous operation
\rightarrow	Exit	Resume next operation

▲ Abutment hole

	Ş	≪ C ≥ e ê →
Ş	Flat Mode	Flat hole filling effect
Ş	Curve Mode	Curve hole filling effect
Ś	Clear Point	Clear selected points
G	Reset	Reset hole filling status
5	Repeal	Repeal the previous operation
2	Recover	Resume the previous operation
Ş	Seal	Execute hole filling
\rightarrow	Exit	Exit manual alignment mode

▲ Base Generation



\cap	Plateless	Usually made in a horseshoe shape, the base will recreate the shape of scan data
	Plate	The plate will follow the shape of the scan data
5	Repeal	Repeal the previous operation
2	Recover	Resume the previous operation
\rightarrow	Exit	Exit manual alignment mode

3.1.6 Shortcut

▲ F1 Show/Hide Shortcut Panel--Scan

Shortcut key	Command	Corresponding icon
ESC	Cancel Scan	
Space	Start scan/Add scan	
Enter	Next/Export	> / 🕈

▲ F1 Show/Hide Shortcut Panel--Edit

Shortcut key	Command	Corresponding icon
Shift+C	Clear Selection	ALL
Delete	Delete data	Ē
Shift+R	Invert Selection	
Ctrl+Z	Repeal	¢
Ctrl+Y	Recover	2
Shift	Eraser	

3.1.7 Function Bar

The function bar area includes the scanning function settings



[HD]	HD scan	When the function is turned on, fine scanning will be performed to improve the quality of model data
8038	Multi-path scan	When the function is turned on, the model will be scanned at more angles
	Texture scan	When the function is turned on, the real color of the model will be obtained
	HDR scan	In HDR mode, the integrity of scan data can be enhanced, such as gum scans
F	Reflective object scan	After turning on the function, the scanning effect of reflective parts such as the abutment and scan body rod can be improved

3.1.8 Title Bar



15

1 Settings: mainly includes scan settings and output settings



2 About: Show software information



4. Case Demonstration

The following is a demonstration of the split pattern, showing the entire process from order creation to scanning.

4.1 System Configuration

Use Control Center to create a split order and click Scan to scan the operation screen.



4.2 Scanning

The scanning process for this order is maxillary scanning, surrogate scanning, surrogate alignment, and export.



▲ Scanning the upper jaw



Generation type scan



& Philden

4.3 Alignment

Once you enter the alignment step, the software will automatically perform the alignment. If you are not satisfied with the alignment result, you can enter the manual alignment interface to complete the alignment operation.



▲ Auto alignment

Manual Alignment



4.4 Export

The Export page allows you to view and edit the data in the model list and click T to complete the scan order.



Export Page



CONTROL CENTER User Manual

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	Work box				All orders	v	(ک اسport Orders	Cn	eate Ne	w Order	
Ø	All orders Not scanned	Scanned										
	Order number	Name	Type of case	Date create	d	Technician name	Clinic name	State				
	230216114153	huhugi	 repoir 	2099-01-01	00.00	Apple-1	Fruit clinic	Not scenned	Ð	ø	ŵ	П
	230216114153	huhuzi	repoir	20990101	00.00	Apple-1	Fruit elinie	Not scerned	Ð	C	ŵ	
	230216114153	huhugi	espeir	2099-01-01	00.00	Apple-1	Fruit clinic	Not scarned	Ð	C	ŵ	Н
	230216114153	huhuzi	repair	2099-01-01	00.00	Apple-1	Fruit clinic	Not scemed	Ð	C	ŵ	
	230216114153	huhugi	epeir	2099-01-01	00.00	Apple-1	Pruit clinic	Not scarned	Ð	С	Ó	
	230216114153	huhuzi	repeir	20990101	00.00	Apple-1	Fruit elinio	Not scerned	Ð	C	ŵ	
	230216114153	huhuzi	repeir	2099-01-01	00.00	Apple-1	Fruit clinic	Not scenned	Ð	С	Ċ	
	230216114153	huhuzi	repair	20990101	00.00	Apple-1	Fruit clinic	Not scanned	Ð	C	Ó	
0	230216114153	huhuzi	repeir	2099-01-01	00.00	Apple-1	Fruit clinic	Not scanned	Ð	C	Ó	
EE	230216114153	huhuzi	repair	2099-01-01	00.00	Apple-1	Fruit clinic	Not scenned	Ð	С	Ċ	
	230216114153	huhugi	repeir	2099-01-01	00.00	Apple-1	Fruit clinic	Not scanned	Ð	С	Ó	
M	230216114153	huhuzi	repeir	2099-01-01	00.00	Apple-1	Fruit clinic	Not scerned	Ð	C	ŵ	L





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1. Introduction

ControlCenter is a control platform that initiates scanning by creating an order type. The control platform has a wide range of order types, including restorative dentistry, orthodontics and surrogate trays, covering a wide range of scenarios.

1.1 System Configuration

▲ Recommended Configuration

CPU	Intel I7 13700 or higher
Memory	32G or higher
Graphic	NVIDIA GeForce GTX2060SUPER 8G or higher (Not supporting Radeon)
Operating System	Windows 11 64-bit

Minimum Configuration

CPU	Intel I7 10700 or higher
Memory	16G or higher
Graphic	NVIDIA GeForce GTX1660 6G or higher (Not supporting Radeon)
Operating System	Windows 10 64-bit

*You can get a better experience with the recommended configuration

1.2 Installation Steps

Scan for Lab is installed together with Control Center. View ControlCenter instructions for more information.

▲ Run the Control Center_XXXX.exe file and select the installation language.



▲ Select the installation software path, click 【Next】 to start the installation.



▲ The program will install automatically and may take a few minutes. Do not turn off your computer or unplug it until the installation is complete.

Setup - PHILDEN Control Center -			Setup - PHILDEN Control	Center — 🗆 🗡
Installing Please wait while Setup installs PHILDEN control Center on your computer.	L (m)	Ĵ		Completing the PHILDEN Control Center Setup Wizard
Edending (Me Dr. Jerki, D.G. Konfenziblish, 11.all				To compare the MULTER Control Centro-Setup man mater your compare Windd you like to restart new? (***) Yee, refast the compare row (****) No., I will restart the compare later
	Cancel			Field

2. Control Center Overview

2.1 Layout Structure

Work box			All orders	*	C	2 Import Orders	Create	Ne
All orders Not sci	anned Scanned							
Order number	Name	Type of case	Date created	Technician name	Clinic name	State		
AP20230216114150	8 huhuzi	• repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	7
AP2023021611415	i huhuzi	• repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8 0	2
AP2023021611415	3 huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	2
AP2023021611415	3 huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	3
AP2023021611415	l huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	3
AP2023021611415	i huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	7
AP20230216114153	3 huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	(Not scanned)	8	2
AP2023021611415	3 huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	7
AP2023021611415	l huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	2
AP2023021611415	3 huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	8	7
AP20230216114150	3 huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	(Not scanned	0	7
AP20230216114153	huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	0	3

2.1.1 Title Bar

×	Close	Close software
_	Minimize	Minimization software
•	Calibration	Calibration of the scanner

1 Title Bar 2 Function Bar 3 Tool Bar 4 Work Space

2.1.2 Function Bar

Work Box	Work Box	You can view the orders that have been created
App Box	Арр Вох	Software updates and downloads available
Trash Box	Trash Box	Deleted orders can be viewed
Settings	Settings	Software functions can be set

2.1.3 Tool Bar

í	About software	More about ControlCenter
==	Help booklet	Open the ControlCenter operating manual
\bigtriangledown	Authorisation	View device usage information and device upgrades
	Mode switching	Toggle between port scanning build mode or desktop scanner build mode

2.1.4 Work Space

								10	- 4	0	-	×
		Work box			Al orders		0	Import Onlors	0.0	ele Nev	Order	
	C	All orders Not scanned	Scarred									
	Age Box	Order number	Name	Type of case	Date created	Technician name	Chris name	Date				
	and the	#P202007811-4112	Neur	•	2023-02-10.14:30	Auto-1	Full direct	(NR scened)	в	0	0	r l
		#P9020021811-4153	Neluti	• new	2023-08-10 14: 30	Apple-1	Fruit clinic	(Not sourced)	в	0	e	Ш
		AP30200014811-0113	hahail	•	2023-62-16141-30	Applie-1	Protosless	(Aut scarred)	в	с	¢	Н
Work Box		#P3025021811-4113	Neul	•	2023-62-10.14/ 30	Apple-1	Prut stells	NX scarred	Ð	0	0	н
		#2020078114103	Next	 report 	2023-02-10.141 30	Apple-1	Fruit plane	Not sciented	в	C	0	н
		AP3020021811-0103	New	 report 	2023-02-16.14.30	Apple-1	Published	(Not scarred)	в	0	÷	н
		#202021#14103	NAU	• next	2023-02-10.14: 30	Appre-1	Fruit divic	(NX scarred)	ъ	С	0	
		#P20202181-4153	Net	• -core	2023-02-10 14: 30	Apple-1	Fruit plinic	Not soamed	в	0	÷	
	0	AP0020021811-0103	huhudi	•	2023-02-16 14: 30	Apple-1	Pruit plate	(Aut sourced)	Ð	С	ê	
	8	AP3020018114103	Neut	•	2023-02-10.14: 30	Appre-1	Prut desc	(Att scarred)	Ð	0	÷	
	0	#P3020021811-0103	Netari	• report	2023-08-16 14: 30	Apple-1	Fruit clinic	(Net source)	Ð	0	8	
	×	AP3023021481-41413	habal	 report 	2023-02-16 14: 30	Apple-1	Fratalistic	(Aut scarred)	Ð	C	ŝ	

									- 4	•	- >
		Dumpster				Al orders 🛛 🔻		Q	Aucove	3	(winto
	D	All orders Not scanned	Scanned								
	Au Ba	Onler number	Name	Type of case	Date created	Tachnislan name	Clinis name	Date			
	<u>.</u>	#P0000001811-4183	have	•	2023-02-16 14: 30	Applie-1	Pruit sileis	Not surred	в	0	0
		#2020031811-003	Neut	•	2023-02-10.141 30	Apple-1	fruit-abric	Not scanned	Ð	Ð	0
		#902001811-0003	Neuti	· repair	2023-02-10.141.00	Appin-1	Fruit divic	Not somed	Ð	0	0
Trash Box		#P9029021#114153	hinai	· repair	2023-02-16 14: 30	Apple-1	Prut direct	Netwarred	в	0	÷
		AP20200218FIL-ENIX	Netal	· repair	2023-02-16141-30	Apple-1	Prut alless	(NX scarred)	в	Ð	\$
		#P2025021811-0103	Neal	• repair	2023-02-10.141 30	Apple-1	Fruit shris	Nationared	ъ	Ð	0
		#10000018114453	haut	· repair	2023-02-16 14: 30	Appin-1	Fruit pleis	Not soamed	в	0	0
		AP90000010114103	hind	•	2023-02-10.141-30	Apple-1	Pruit plane	Not scarred	в	0	0
	0	#P202001811-FIL3	Nahati	· repair	2023-02-10.141 30	Appre-1	Putates	(NA scarred)	Ð	Ð	0
	8	#2022023813-4753	Net	· repair	2023-02-16 14: 30	Apple-1	Fruit divic	Not scanned	ь	O	0
	Θ	#902001811-4113	hahati	· repair	2023-02-16 14/ 30	Appin-1	Fruit strict	Not sourced	в	0	÷
	2	#P3023021#11-0103	Mul	•	2023-02-16141-30	Applie-1	Frat allela	Not surred	Ð	o	÷

		Set			
		General settings Lancase artifica	Scen settings Engle the GPU	-	
		1002 ¥	Octowal action from	-	
		Dental Notation	Expert exclused data	-	
A 111		Order Parts	standalune data (abutmenti)gan/acan ber/max type/bite wax)		
Settings		04/33583370 D	Data equal format 😸 PLY 😸 97.	🗵 08J	
		00 hm			
		Order File Maning Rule			
	0	C Technician-Code Patient Name			
	0				

3. Control Center Function

3.1 Wrok Box

The WorkBox contains all completed orders, detailing the order number, patient name, type of repair, creation date, technician name, clinic name and the completion status of the order.

Philo	len					1	2	(. →
	Work box	3		All orders	•	С	Import Orders	Create N	ew Order
	All orders Not scanned	Scanned							
	Order number	Name	Type of case	Date created	Technician name	Clinic name	State	(4)
	AP20230216114153	huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	ŵ
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	â
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	вс	ŵ
	AP20230216114153	huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	в с	ŵ
	AP20230210114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B C	۵
	AP20230216114153	huhuzi	• repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	â
	AP20230216114153	huhuzi	repeir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	ŵ
	AP20230216114153	huhuzi	repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	â
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	Ó
	AP20230216114153	huhuzi	repéir	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	٢
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B C	۵
	AP20230216114153	huhuzi	• repair	2023-02-16 14: 30	Apple-1	Fruit clinic	Not scanned	B 0	Ô
S	earch Bo	x 2	New Case	3 Stat	u Filter	4	Shor	tcut	: K

3.1.1 Search Box

Enter the content directly in the search box and the software will automatically perform a fuzzy search; when a specific search range is selected under, the fuzzy search will match at the corresponding entry.



3.1.2 New Case

Click on the Create New Order button to create a new order. The * item represents required information, save the information and enter the order edit page.

Order Building Information	
* Order Number :	
Clinic Name :	
Patient Name :	
Technician : ID:	Name:
\star Scan Type : 🌘 Teeth	Orthodontics OMulti-Die
	Cancel Save

3.1.3 Status Filter

Filter the order list by the current completion status of the order.

All orders	Not scanned	Scanned	

3.1.4 Shortcut Keys

Quickly perform actions on orders.

B	Browse	Open the path to the local folder where the order file is located
\mathcal{C}	Reset	Reset order status
	Delete	Delete orders to Trash Box

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3.2 Settings

The settings mainly include the General Settings and the Scan Settings.



3.2.1 General Settings

General settings: General settings allow you to modify the software language, the way you code your teeth, the path to save orders, the path to design software and the rules for naming orders.

cargoige settings			
简件中文			*
Dental Notation			
FDI			*
Order Path			
D盘/芬芬乐康复中心			₽
CAD Path			
D盘/牙牙乐康复中心			Ð
Order File Naming Rule			
Order ID	Crder Number	Create Date	
Technician Code	Patient Name		
订单编号ID-日期-技	师编号-思者姓名		

3.2.2 Scanning Settings

The scanning settings can be set to enable or disable the GPU, to prepend the occlusal scan, to export occlusal data or not, to export independent data (abut-ment/gingival/scanning bar/wax type/bite wax), order export format selection and scan data output format selection.

Scan settings			
Enable the GPU			
Occlusal scan front			
Export occlusal data			
standalone data (abut	ment/gum/scan bar/	wax type/bite wax)	
Order export format	EXO	Sshape	
Data export format	PLY	STL	OBJ

4. Create Order Type

When creating an order, you need to select the type of order: restorative dentistry, orthodontics, generational trays.

Order Building Information		
* Order Number :		
Clinic Name :		
Patient Name :		
Technician : ID:	Name:	
* Scan Type : 💿 Teeth	Orthodontics	O Multi-Die
		Cancel Save

4.1 Dental Restoration Models



4.1.1 Model And Position Selection

You can choose between a divided arch, an undivided arch or an impression and select the position to be restored. Between restorations you can choose whether to create a bridge or not. The restoration type can be deleted by right-clicking on the position area and all positions can be reset with one clear click. Hold down the left mouse button and drag to select multiple tooth positions.



4.1.2 Choice Of Restoration Type

The types of restoration include common types of restorations such as crowns, inlays, veneers, waxes and bar cards.

Crown/Copings		
Anatomic Crown	Coping	Pressed Crown
Offset Coping	(Call Eggshell Crown (Provisional)	
Pontics		
Anatomic Pontic	Reduced Pontic	Pressed Pontic
Eggshall Pontic (Provisional)		
Inlays, Onlays and Veneer	s	
Inlays/Onlay	Offset Inlay	Venser
Digital Copy Milling		
Anatomic Wassup	Reduced Wasup	Pontic Wasup
Removables and Appliance	es	
Primary Telescopic Crown	Secondary Telescopic Crown	Attachment
Bars		
Bor Piller	Ber Segment	Offset Substructure
Residual Dentition		
Antagonist	Adjacent Tooth	Omit in Bridge

4.1.3 Methods And Remarks

Depending on the type of restoration different method options are displayed, different implant types and different occlusion types, the remarks field allows for additional instructions on the order.

op Model			
Separately			
p			
ed			
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ype			
		E:	
for Jaw Mover	ment		
		•	
	op Model i Separately p ed vpp vpe for Jaw Mover	sp Model i Separately e d yp for Jaw Movement	p Model I separately P ed VP VP VP VP Vor for Jaw Movement

4.1.4 Save And Scan

When you have finished editing the order, you can save or directly scan the order.

4.1.5 Small Functional Areas

Ĩ	Virtual bite frame transfer calibration	To ensure that the virtual bite carrier transfer functions properly, please make sure that a virtual bite carrier transfer calibration must be carried out
EXO	CAD design	If you have set the CAD software path you can open the design directly software
	Model view	Completed scan orders with direct access to model data

4.2 Orthodontic Model

The orthodontic mode operates in much the same way as the restorative mode. You can select the desired arch, choose the type of restoration and the corresponding method type and occlusal relationship, and complete the order editing.

& Philden		⊕ - ×
← AP-1234555555 ①	2	
Type	Partial Denture	Bite Splint
C C C C C C C C C C C C C C C C C C C	Color:	• •
	3 (Save	Scan D
1 Arch Selection 2 Restoration Type Selection	ection	
3 Method And Remarks		

4.3 Generation Plate Model

The generation tray model requires the selection of the hole first, followed by the selection of the repair type to complete the order creation.





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