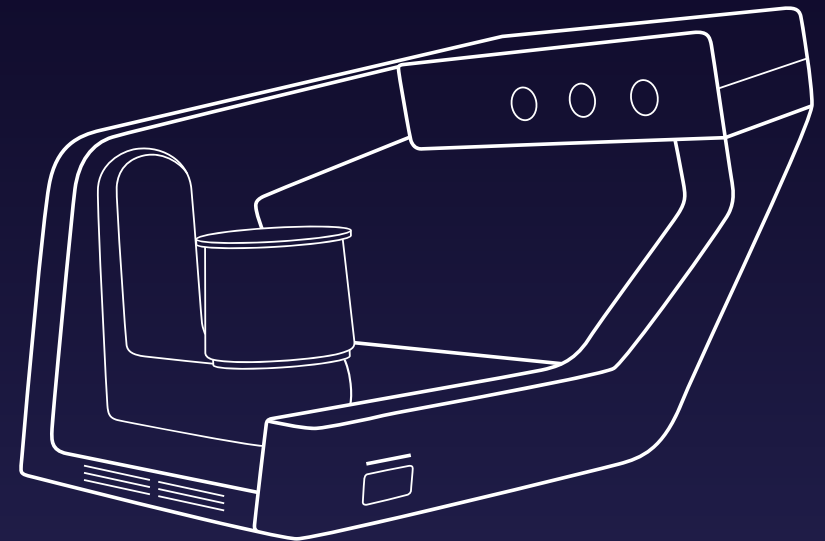


CoScan-D
Professional 3D
Dental Scanner for Lab

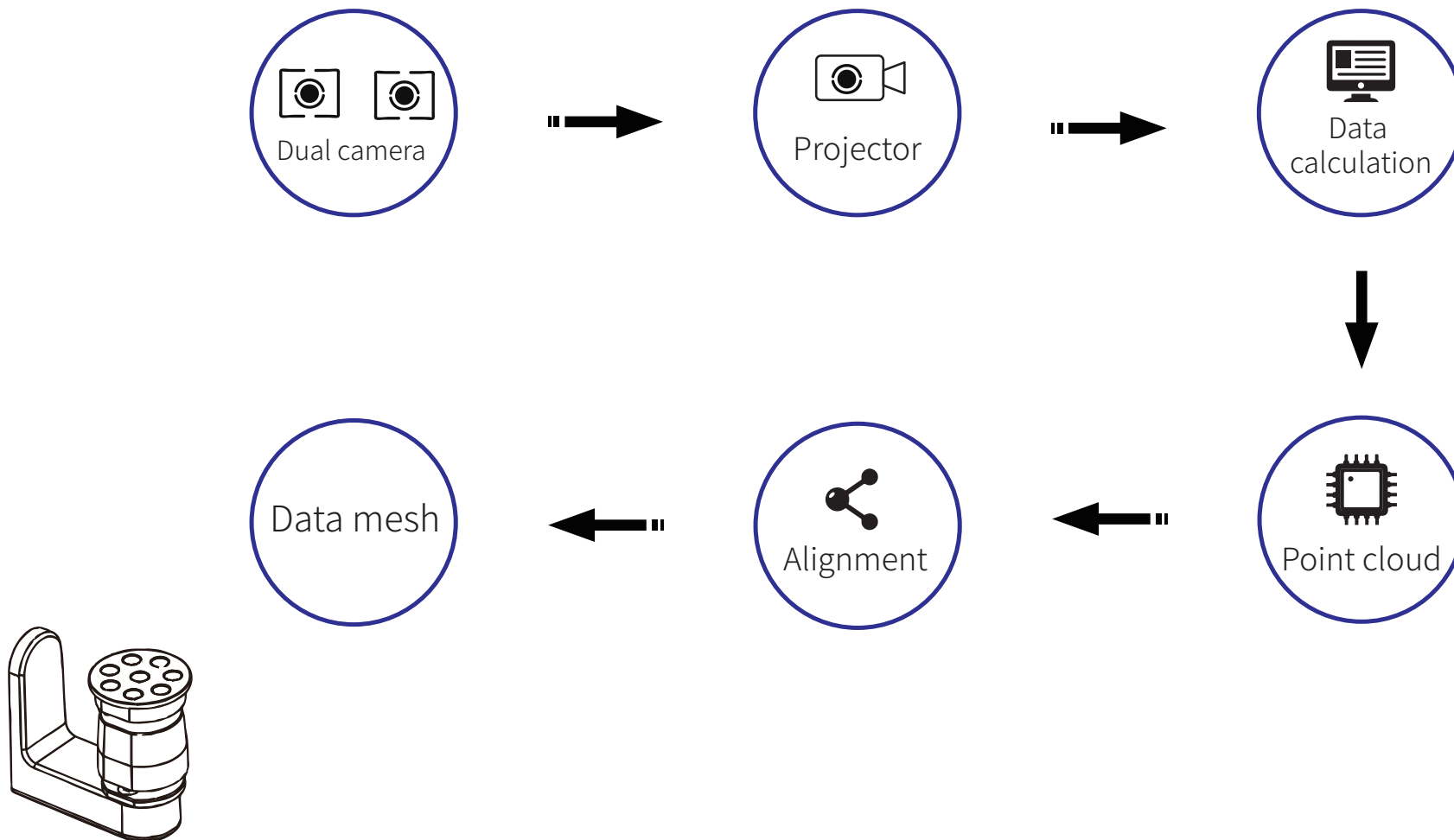


ABOUT SOONSER

Based on constant technology innovation since its establishment in 2013, Soonser focuses on providing 3D printing solution into wide applications including engineering, medical, entertainment etc. With a team of world's leading experts, Soonser accumulates the power of 3D printing to transform every industry to improve how humans work and live.

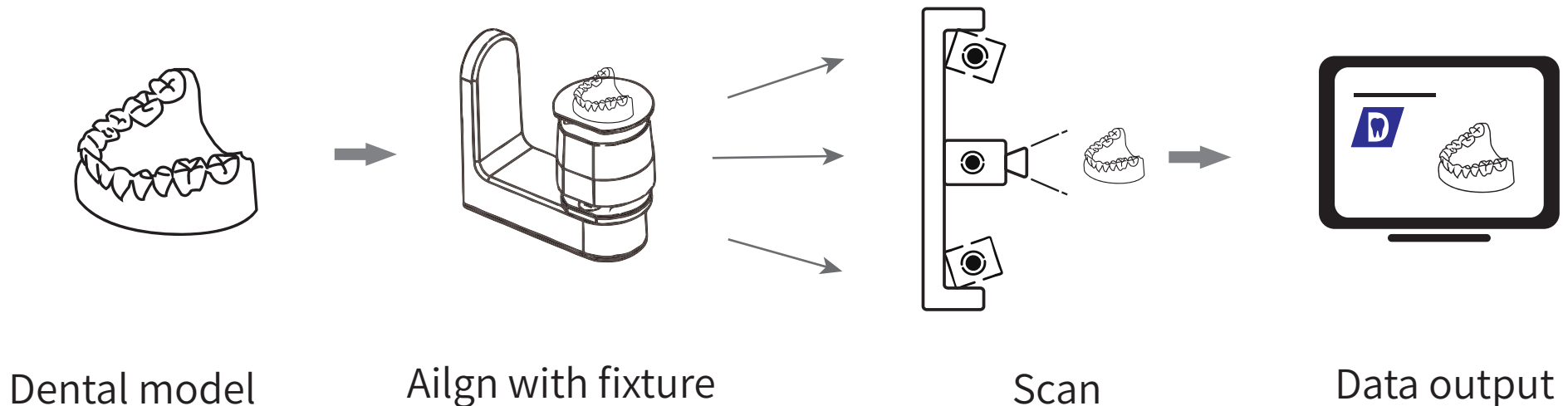


CoScan 3D Scanning Principle



CoScan 3D Scan Workflow

CoScan is a blue light, non-contact 3D dental scanner, with its advantage reveals in automatic alignment, unsurpassed speed, and high resolution. Its reliability and affordable pricing help the entry-level users to embrace 3D scanning technology and expand into higher productivity easily. It is an affordable solution for dental labs with no compromise on speed and accuracy.





Professional 3D Dental Scanner

Technical Specification

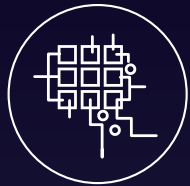
Model	CS-D300
Scan Area	100*100*75mm
Scan Method	Non-contact scanning
Accuracy	8um
Camera Resolution	2*3.0MP
Weight	5kg(without power supply unit and accessories)
Ambient Temp	10 °C-30 °C
Power	DC 24V
Output Data Format	STL OBJ
Computer Required	Win10,64bit
Light Source	Blue



CoScan German Design



CoScan Key Features



Plane Array
Structured Light

Stable and reliable in data capture, with single scan accuracy reach 8um.



Step Motor
Rotating Lever

Fast and highly
accurate



Scan With
No Dead-zone

Optimized algorithm to reach minimum scanning degree as low to 8°. Good for uncutted model scan



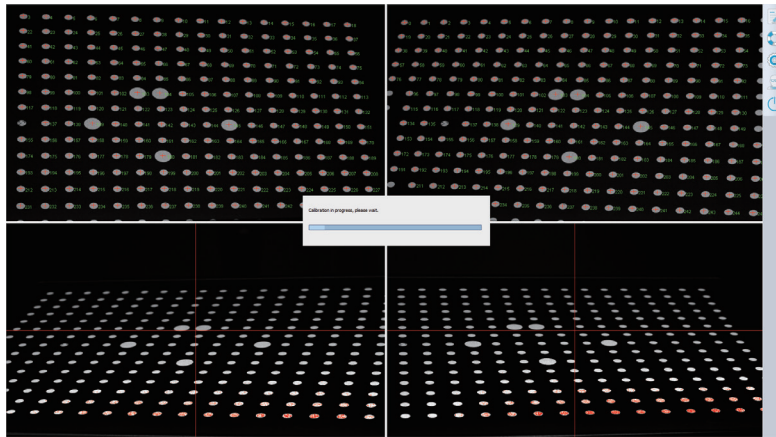
Ultra Fast Scanning



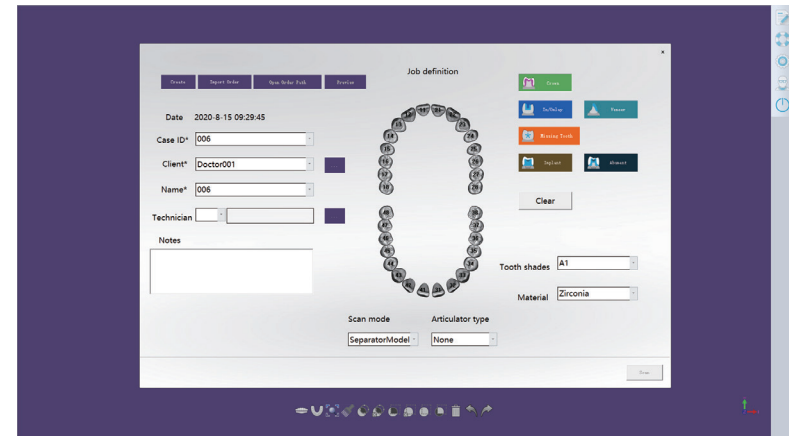
Open System

Good adaptability to third party design software

CoScan Software



Calibration



Start Scan

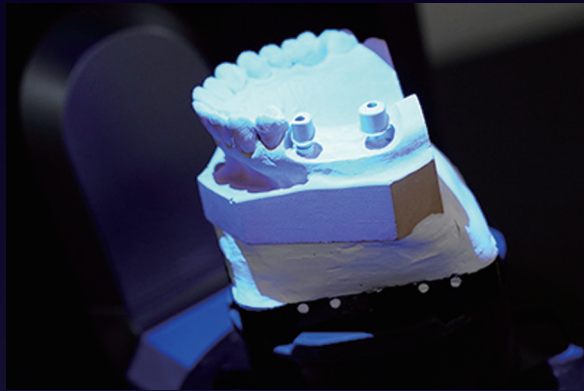


Scan

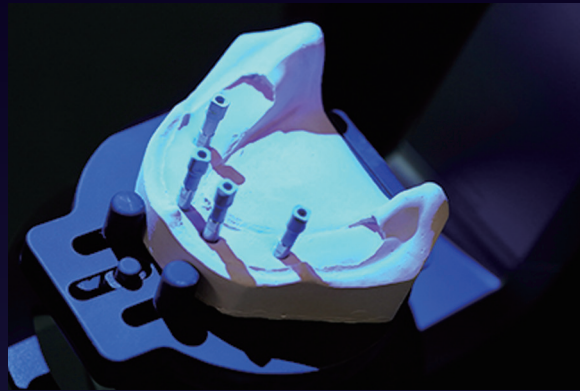


Data Generation

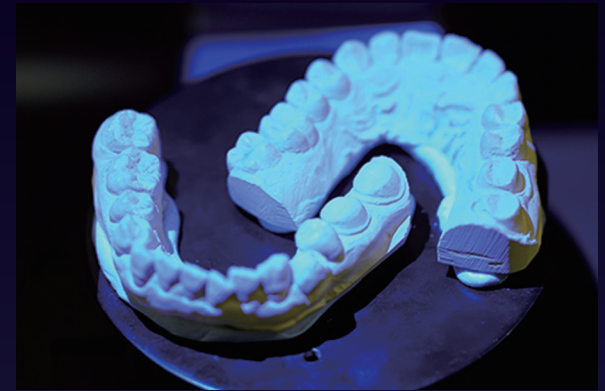
CoScan Application



Abutment



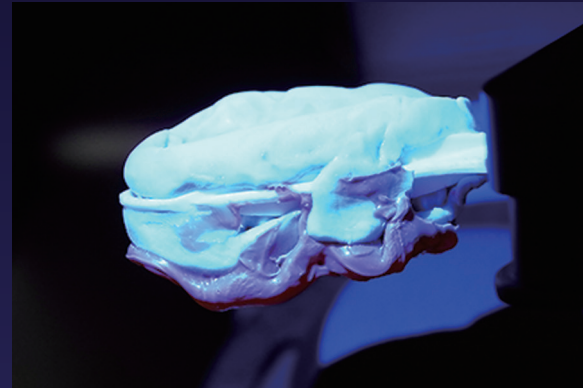
Scan body



Dental model



Veneer

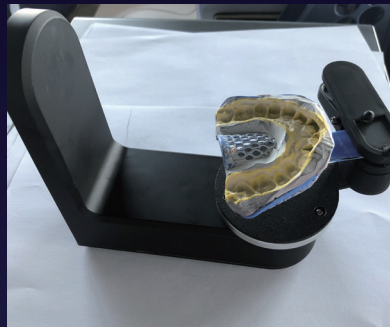


Impression

CoScan Scan With Fixture



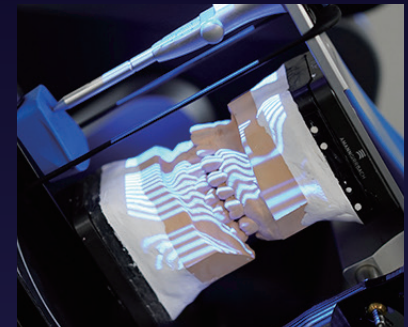
Full Denture



Impression



Simplified Jaw Frame



Jaw Frame

Accessory list

ACCESSORIES	QUANTITY	DIAGRAM	PURPOSE
Coscan 3d scanner	1		Data capture
Multi-die Jig	1		After filling the hole with plasticine, it can be used for inserting the abutment teeth
Gum Jig	1		Used for fixing both upper and under jaw on fixture through rubber band
Artex/KAVO Jig	1		Used for jaw scanning
Calibration Board	1		For calibrating the scanner, and please do not touch the surface
Base Jig	2		Used for fixing upper or under jaw on fixture through rubber band
Impression Jig	1		For impression scanning
General block Jig	1		Used for calibration, scanning jaw, impression and die
Articulator Plate	1		For articulator scanning
Power cord & external adaptor	1		Convert 220Vac to 24Vdc power for scanner using
Dongle	1		To enable the use of software
USB Cable	1		For connecting between PC and scanner
Flash Drive	1		Flash drive contains software installer and users guide



Soonser, accelerate 3D printing in every industry we engage

SOONSER

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