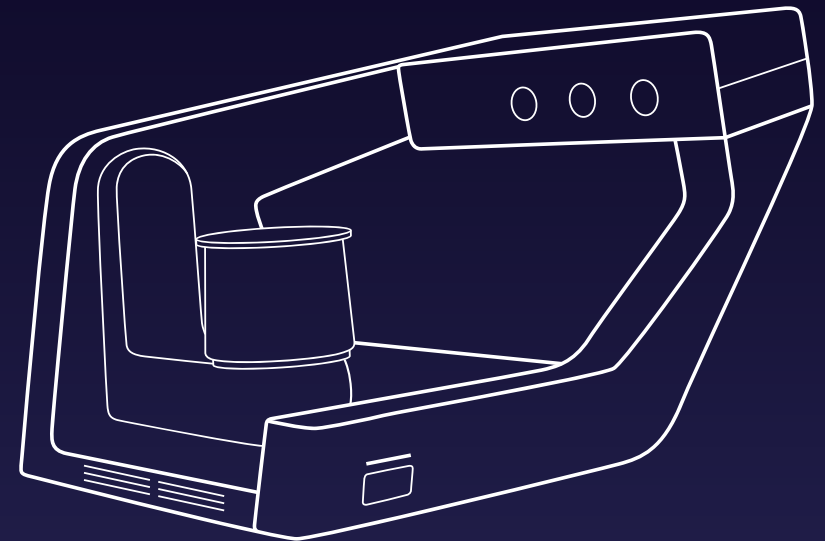


**CoScan-D**  
**Professional 3D**  
**Dental Scanner for Lab**

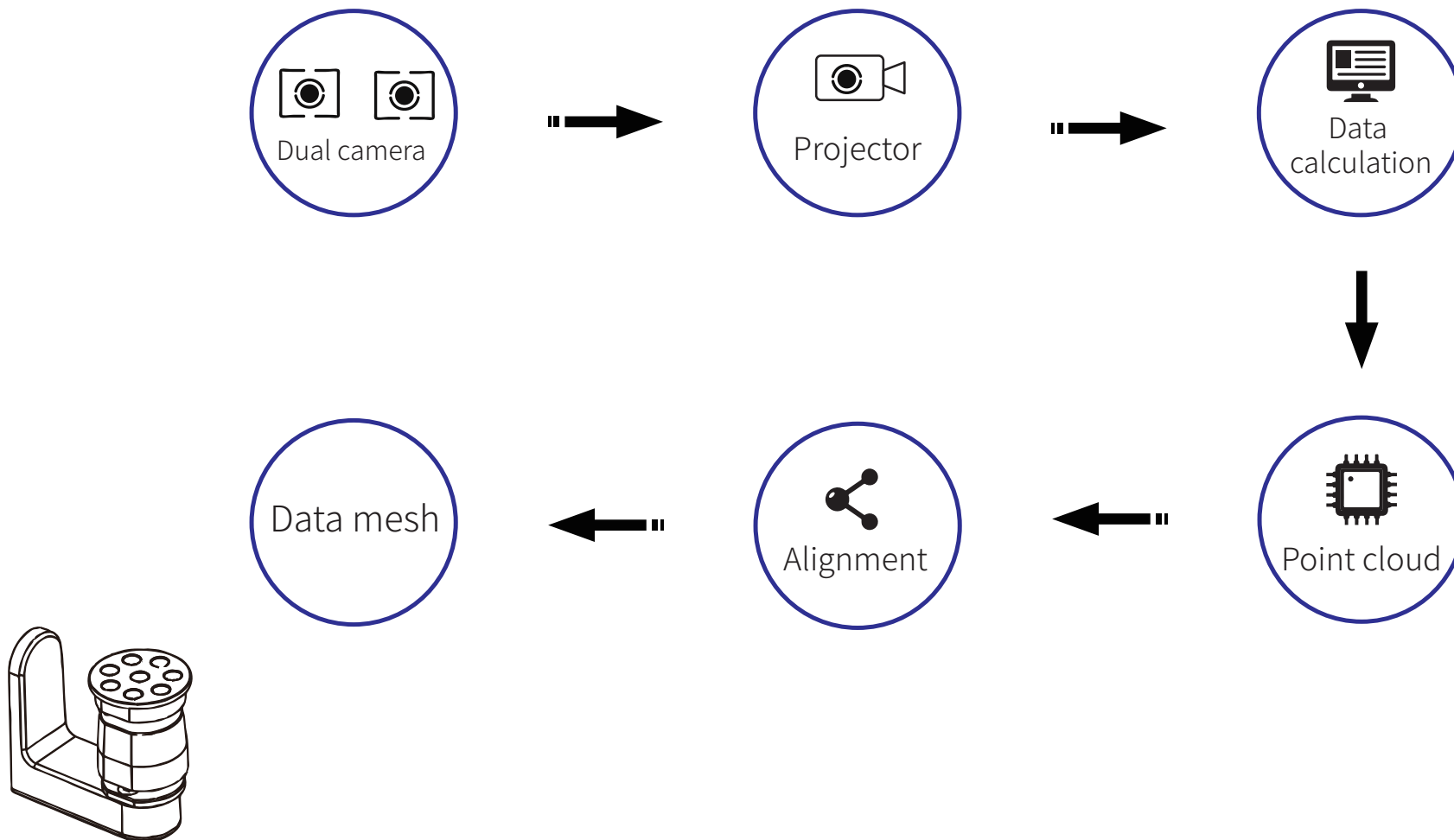


# ABOUT SOONSER

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.

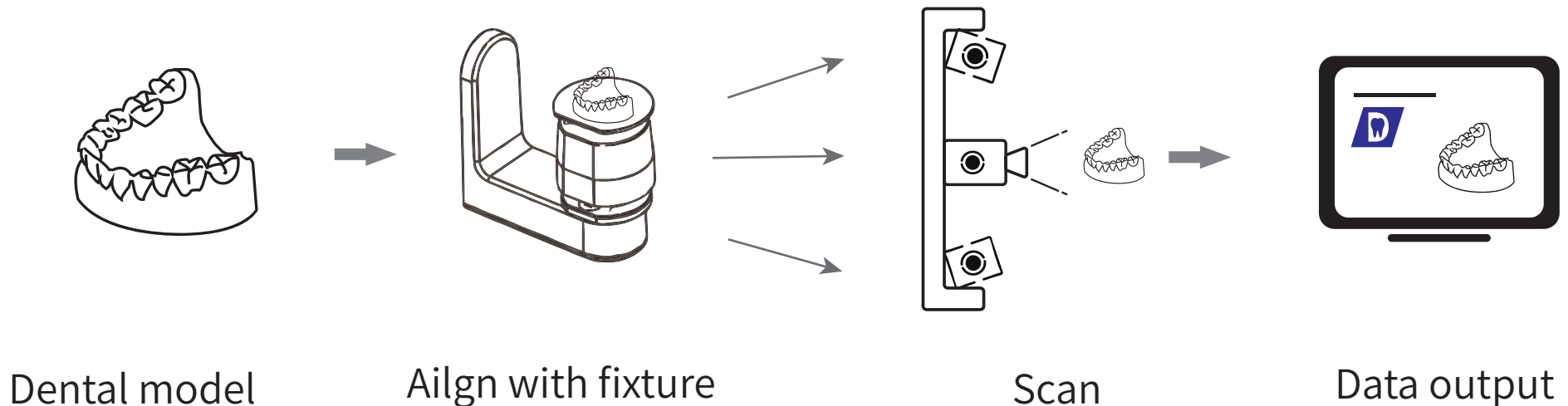


# CoScan 3D Scanning Principle



# 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

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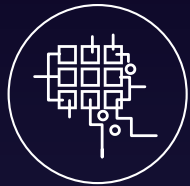
|                    |                                                |
|--------------------|------------------------------------------------|
| Model              | CS-D300                                        |
| Scan Area          | 100*100*75mm                                   |
| Scan Method        | 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



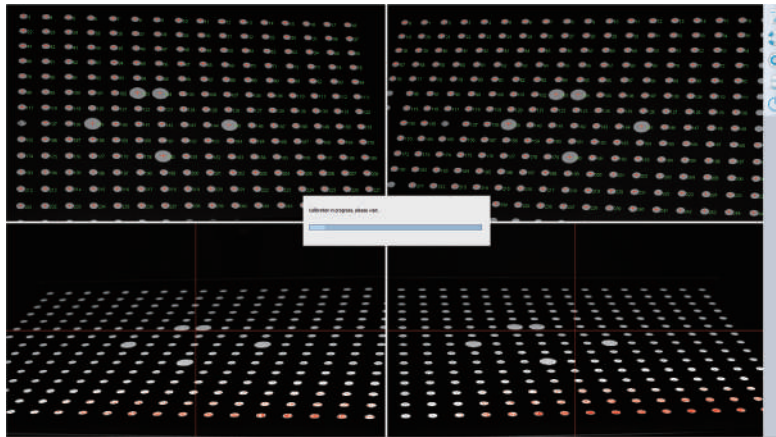
Ultra Fast Scanning



Open System

Good adaptability to third party design software

# CoScan Software



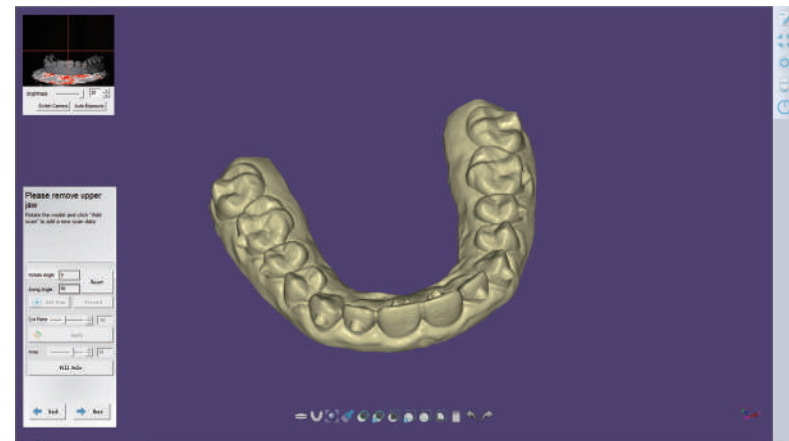
Calibration



Start Scan

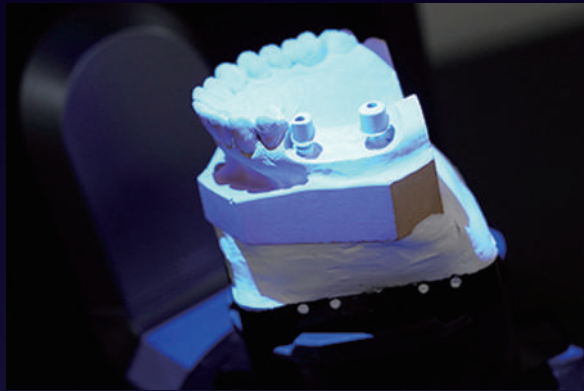


Scan



Data Generation

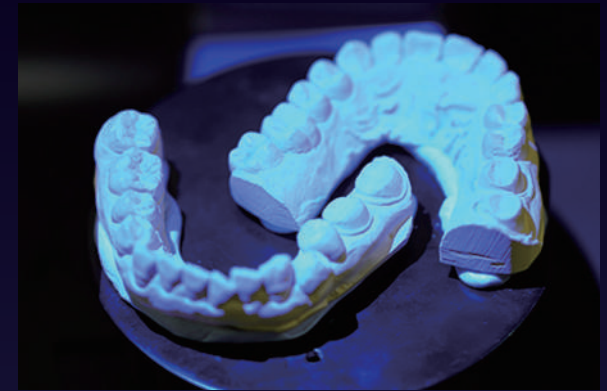
# CoScan Application



Abutment



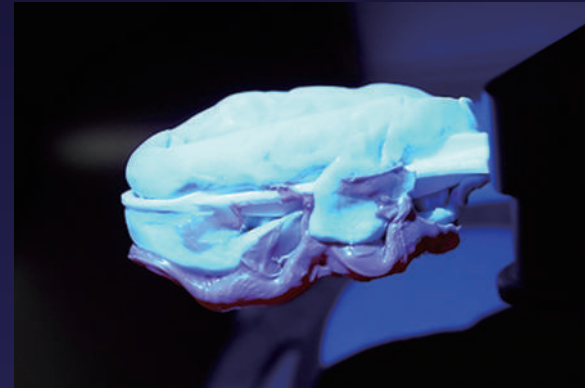
Scan body



Dental model



Veneer



Impression

# CoScan Scan With Fixture



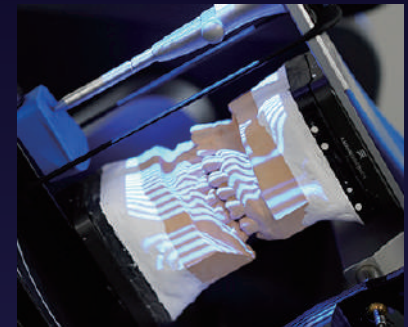
Full Denture



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

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