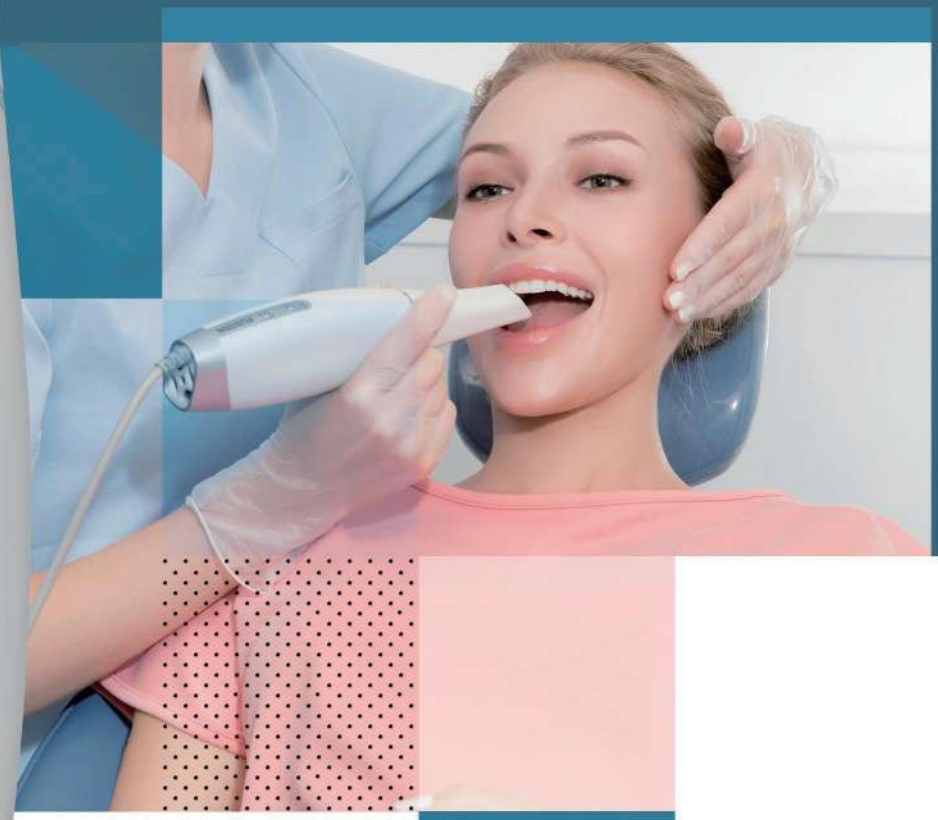
AJAX
PRO DENTAL CHAIR

FUSSEN

Intraoral Scanner

S6000



Engonomic Size & Weight

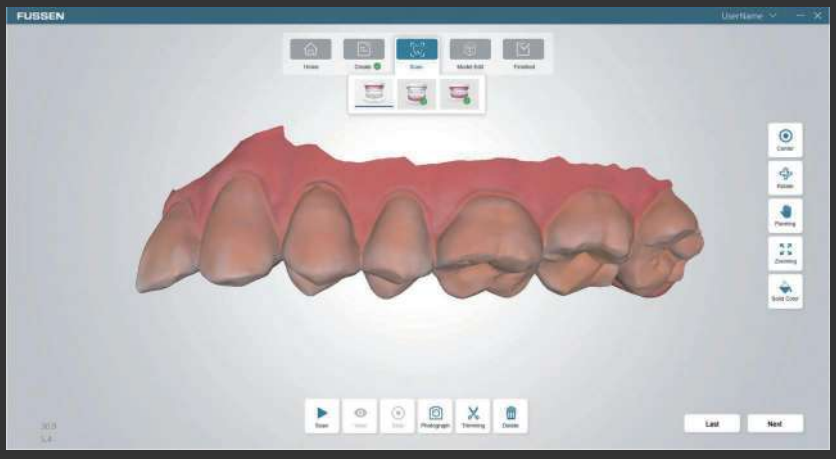
· Scanner dimension 240mm(L) x39.8mm(W)x 57mm(H)

· Weight 350g

· Scanner tip dimension 18.5mm(H)x19mm(W)
  Fits children as well as elderly patients

Powder free

· Improve patients comfort
· Simplify clinic operation procedure and difficulty



Chromoscan

Colored scanning that can show the true dental situation in vivo in real-time

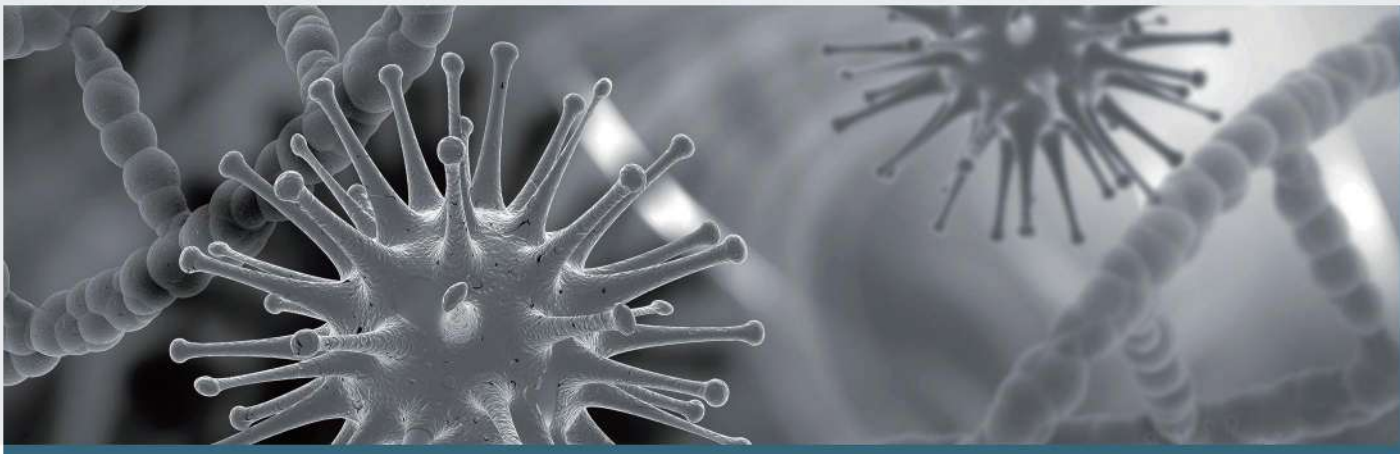
Intraoral Camera

Take intraoral photo during scanning which can assist operator to communicate with patients

Fast with high precision

· High accuracy that can cover all different indications

· Whole scanning process takes ≤ 3 mintues approximately which is much faster than taking traditional impression



Disinfection of scanner tips

· Auto-clavable with 121℃ and 134℃
or sterilization with disinfectant

Occlusion relationship analysis

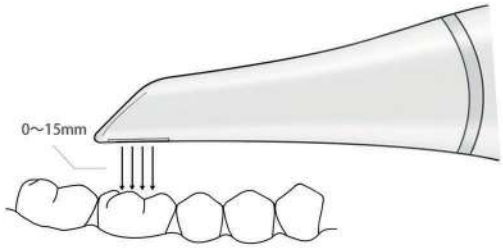
· Assist operator to check the occlusion relationship and interocclusal space by view the color scale

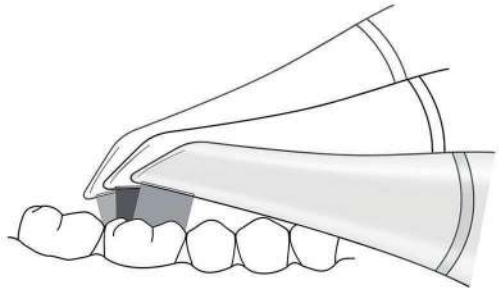
Intelligent optimization

· Automatically remove any redundant data such as gloves, tougue etc

Moderate depth of field

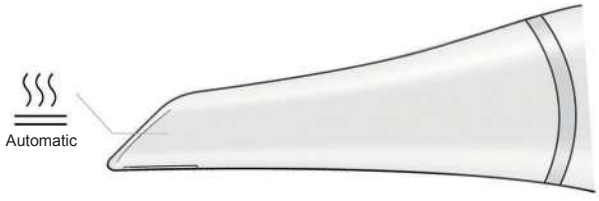
15mm depth of field to provide scanning efficiency and ensure data integrity





Built-in anti-fog module

· Automatically mirror heating to ensure data accuracy



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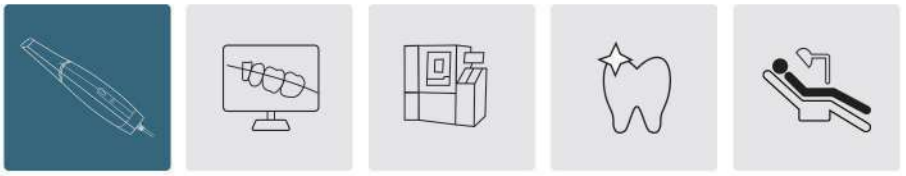
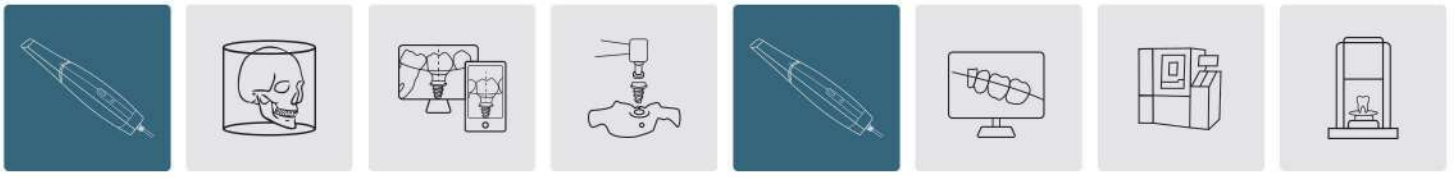
Chair-side restoration digital solution workflow



1.Intraoral data acquisition
2.Design
3.Milling
4.Completion
5.Try-in

Chair-side implant digital solution workflow



1.Intraoral data acquisition
2.CT data acquisition
3.Implant planning
4.Guided surgery
5.Intraoral data acquisition
6.Design
7.Milling
8.Completion

Digital orthodontic Chair-side immediate solution

1.Intraoral data acquisition
2.Design
3.3D model printing
4.Pressure moulding
5.Completion
6.Try-in

Digital clinic connects dental lab

1.Intraoral data acquisition
2.Order online
3.Clinic to laboratory digital solution workflow
4.Manufacturing

Traditional Impression

Takes 10 Mins
Strong gag reflex
Poor comfort
Complex procedure
Colorless plater model

Digital impression

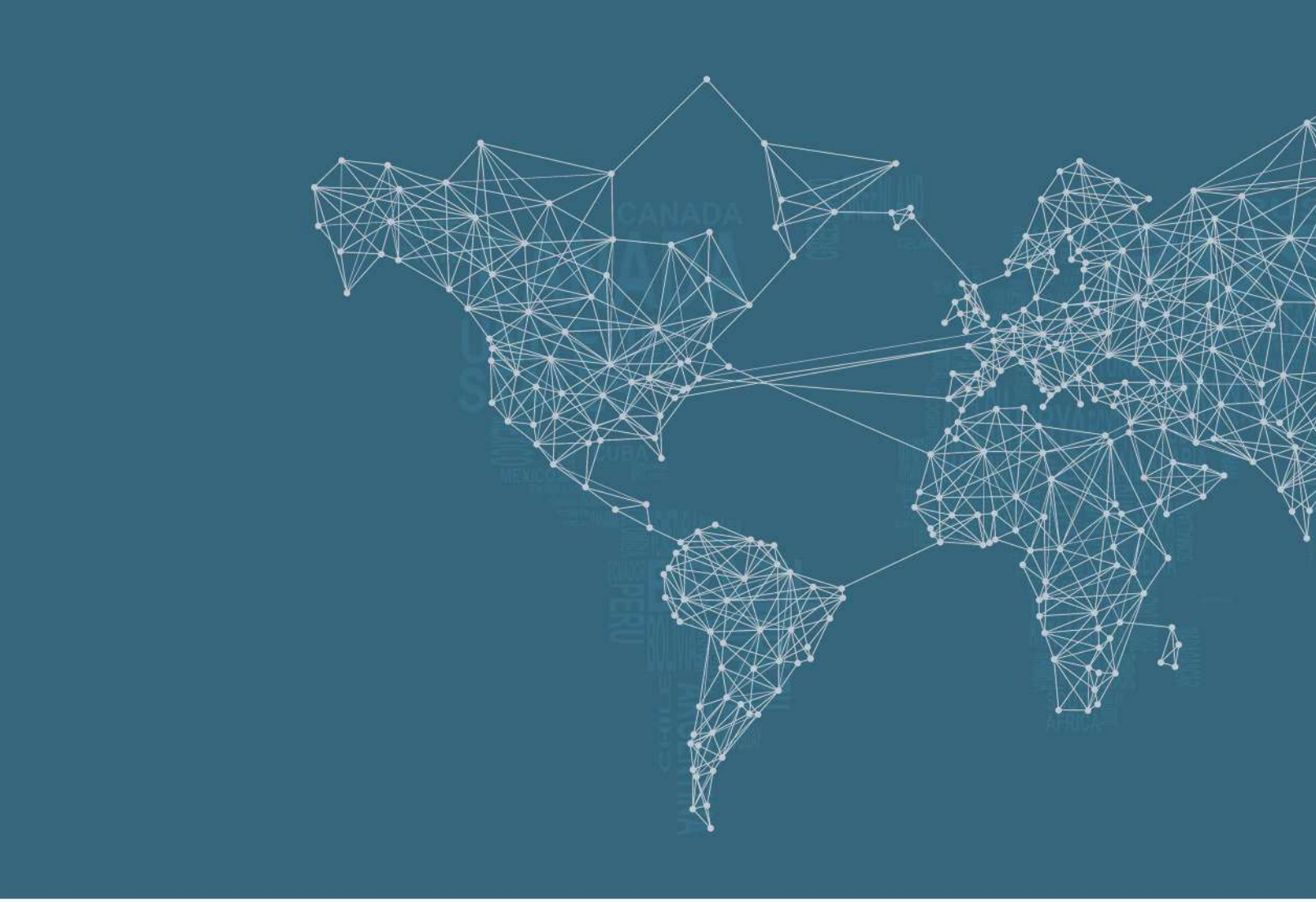
Takes 5 Mins
No gag reflx
Excellent comfort
Simple procedure
Real color model

Clinical indicaitons

It is applicatable on most of different indications include orthodontics,restoration,and implant

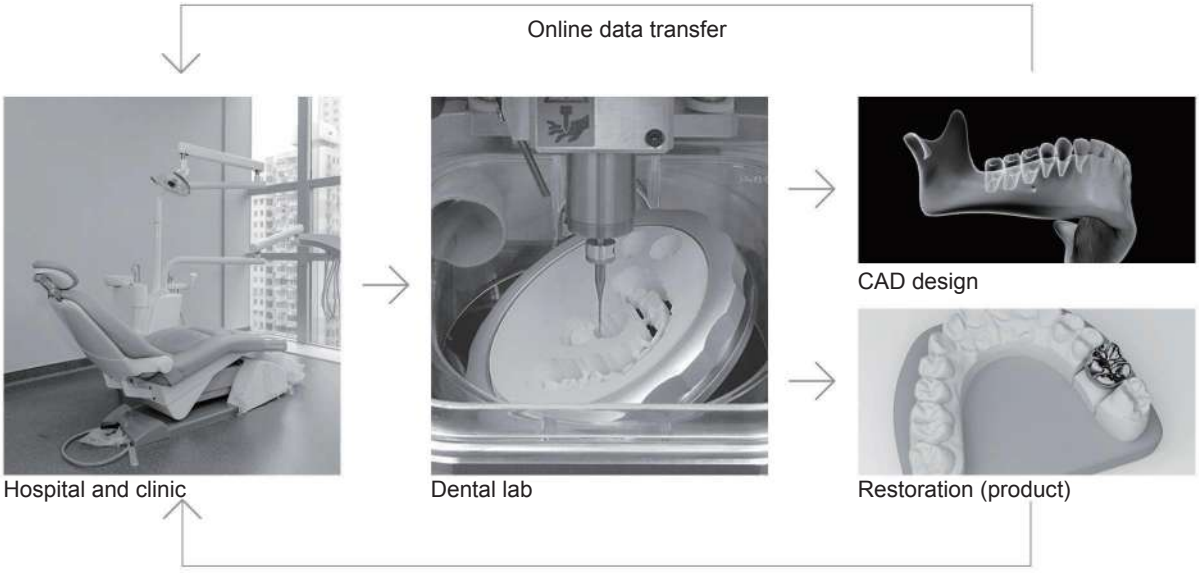
Cloud platform

Multifunction cloud platform which will provide data storage, data sharing online restoration, implant, and orthodontics appliance



Data format

STL,PLY,OBJ can be exported, which is compatible with any CAD software



Technical specification Intraoral scanner

Product type Portable intraoral scanner	**Anti-fog technology** Built-in module	**Sensor** High speed CMOS
Disinfection methods 121 &134 autoclavable	**Splicing technology** Imaging Technique Accur-3D	**Output format** STL PLY OBJ
Scan type Power free colored scan	**Image** Colored	**Scan mode** 3D video scanning
Scan speed 5 minutes	**Scan depth of field** 15mm	**Length of connecting cable** 2m
Scanner tip 18.5mm(H) x 19mm(W)	**Weight** 350g	**Connection** USB 3.0

Scanner
240mm(L) x 39.8mm(W) x 57mm(H)

Digital Dental Image Eco-system

Rounded digital dental image aquisition system, and integrate cloud platform that provide effective services to the clinic

CBCT

Intraoral Scanner

Phosphor Plate Scanner/PSP Scanner

Digital X-ray Sensor

Handheld X-ray Generator

AJAX PRO DENTAL CHAIR **Ajax Dental Supplies Ltd.**

Add.: 10/19 Cornhill Street Ferntree Gully VIC 3156 Australia

www.ajaxdent.com.au E-Mail:info@ajaxdent.com.au

Tel：03 9879 3801 Fax：+86-020-84847118 Mobile:0402339905

Http://www.ajaxdent.com.au