



Boncare, born to care,
ready to serve.

24/7 Fast & Reliable Response.
Life-Cycle Care, End to End.
Global Reach, Local Support.

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 Bondent Group
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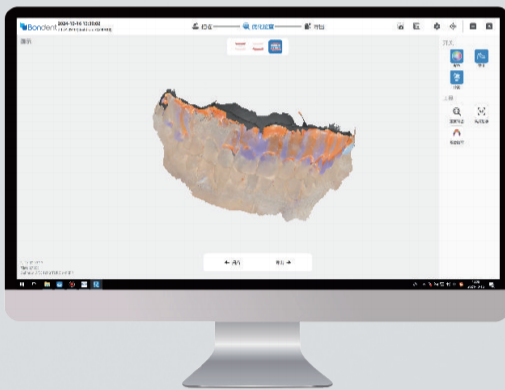


Bonscan

Intraoral Scanner



EFFICIENT AND INTELLIGENT SCANNING PERFORMANCE



➤ Impression Scanning Function

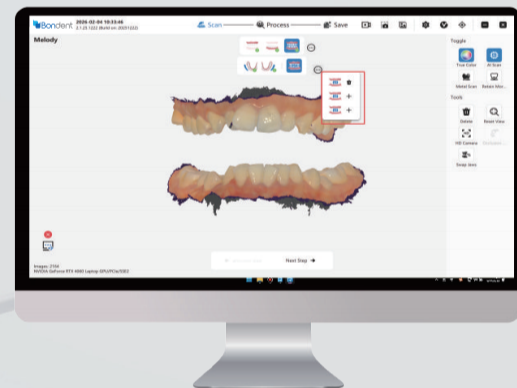
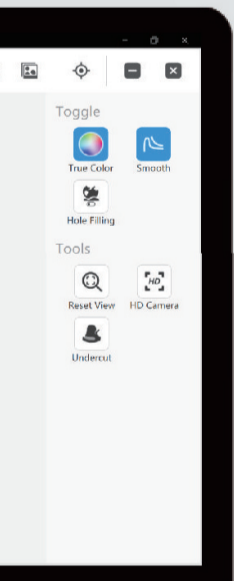
Supports hybrid scanning combining intraoral and silicone impression scanning to obtain more complete data for highly challenging cases.

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Multi-Bite Scanning Function

Captures up to 5 jaw position scans with occlusal space measurement, enabling precise assessment of prepared teeth and jaw relationships for personalized treatment planning.

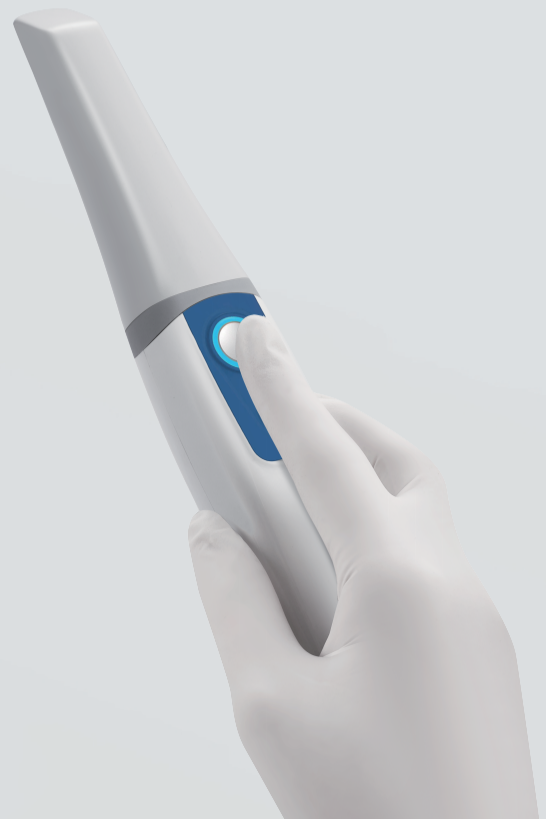


Faster Scanning Speed

Equipped with AI algorithms, a full-arch scan can be completed in as fast as 60 seconds.

Extended Depth of Field

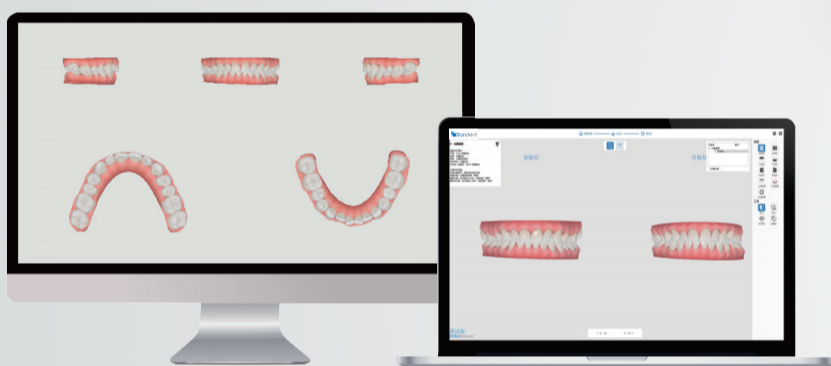
Depth of field increased to 25 mm, adapting to a wider range of clinical scenarios.





Orthodontic Simulation

Automated tooth alignment makes it easy to preview treatment outcomes and simplifies communication between doctors and patients.



Oral Health Report

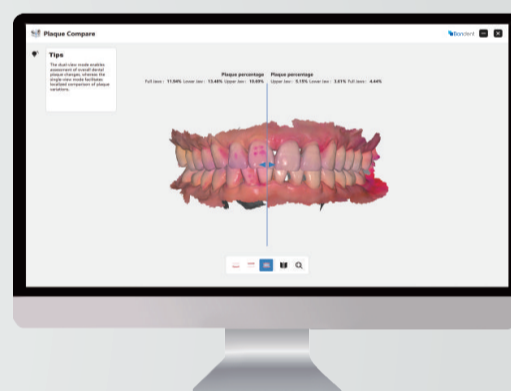
After scanning, lesions such as caries, calculus, and plaque can be automatically identified, and a health report can be generated with one click.



INTELLIGENT SOFTWARE AND DIGITAL WORKFLOW EXPERIENCE

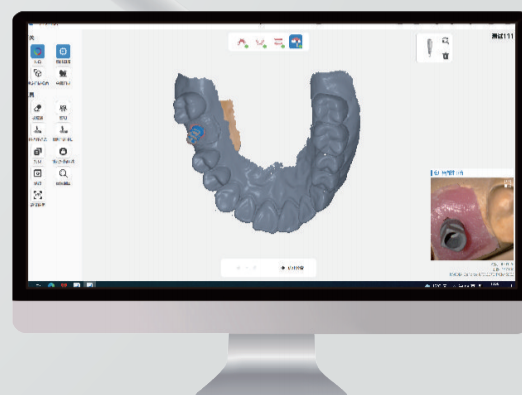
📌 Plaque Visualization and Quantification

Real-time 3D visualization of plaque coverage with intelligent area calculation quantifies oral health, facilitating pre- and post-treatment comparisons.



📌 Scan Body Smart Matching

An external scan body database can be easily established, enabling 1-second intraoral matching. This allows for faster and more accurate scan body positioning, improves the accuracy and completeness of implant scan data, and reduces the difficulty of intraoral implant scanning for clinicians.



LIGHTWEIGHT DESIGN AND INFECTION CONTROL

📌 **158g Lightweight Design**

The lightweight handpiece weighs only 158 g, allowing for extended scanning sessions without hand fatigue.

📌 **Type-C Data Cable Connection**

Plug-and-play Type-C connection ensures stable data transmission and easy cable replacement.

📌 **Built-in UVC Sterilization**

Integrated UVC LED sterilization helps prevent cross-infection.



Technical Parameters

Dimensions (including tip)	243mmx40mmx32mm
Connection Method	Wired USB 3.0
Handpiece Weight	158g without cable
Scanning Depth	0-25mm
Scanning Accuracy	Single tooth ≤10µm, full arch ≤20µm
Scan Tips	3 standard tips/1 mini tip/1 protective tip
Scan Tip Dimensions	Standard scan tip: 115x19x14mm; Mini scan tip: 115x15x10mm
Scanning Area	Standard 16x14mm, Mini 12x10mm
Imaging Technology	Optical continuous video capture
Image Mode Synchronisation	3D video
Quick Reset	√
Model Optimisation	√
Output Files	STL, PLY (truecolour), OBJ
Scan TipAnti-fog Method	Fancooling
Calibration Tip	1set (optional)

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