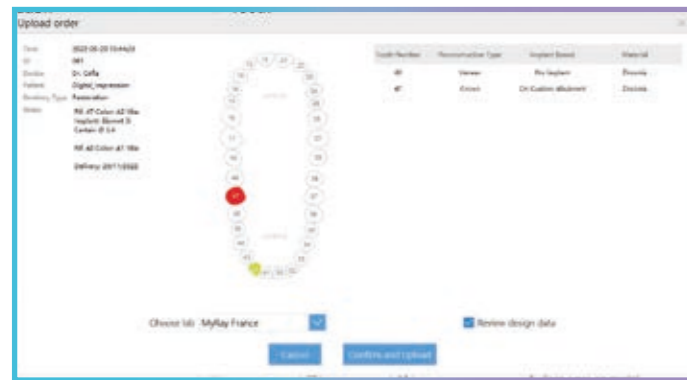


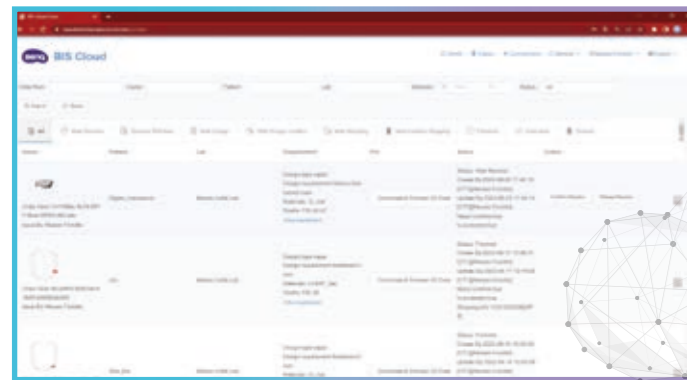
Applications



CLOUD PLATFORM

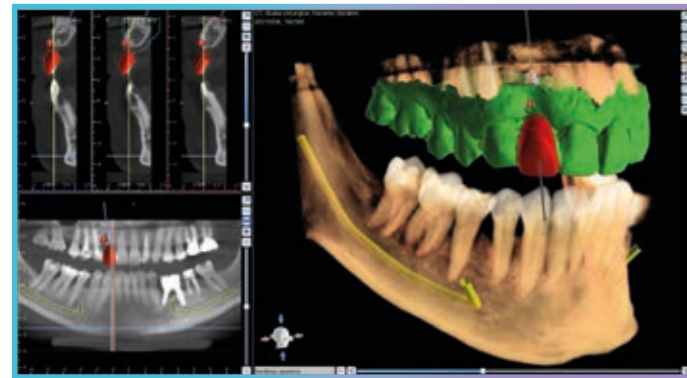
Dental Practice

Digital impressions and the related clinical prescription can be sent to the lab with one cost-free click.



Dental Technician Lab

Once the prescription and relative impressions have been received from the dental practice, the dental technician's lab prepares a prosthetic project that will be shared with the dentist, highlighting any changes until creation of the product.



Integration

Digital impressions are easily integrated into all the workflows of the individual surgical specialties.



Fast quality control and calibration

In just 10 seconds, the calibration tool can be used to check scanner accuracy and, if necessary, all parameters can be recalibrated to ensure the highest quality at all times.

Technical data

SCANNER - DLP (Digital Light Processing)	
Field of View	12mm x 12mm
Technology	DLP structured light
Exportable formats	Exportable formats: STL & OBJ with colour
Connector	USB 3.0
Weight	325 g
Dimensions	L 267mm W 37mm H 52mm
Camera Resolution	600 x 600 pixels
Frame rate	400 Fps
Power supply	5 V DC/2 A
Support	
Size	L 251mm W 71mm H 45mm
Weight	900 g
Power supply	12 V DC/1.67 A
Calibrator	
Size	L 228mm W 48mm H 48mm
Weight	450 g
Power supply	5 V DC/0.5A
Minimum system requisites	
CPU	Intel i7/i9 min Gen 8
RAM	16 GB
HD	512 GB SSD
Graphics card	NVIDIA RTX 2070
Operating system	Windows 10 64 bit (Home or Professional)
Connections	I/O Port 3 USB 3.0 (or above) Type A



01/2023 SBOISGB221S00
Due to our policy of constant technological upgrading, technical specifications may be subject to change without prior notice. According to the standards in force, in extra-EU areas the availability and specifications of some products and/or characteristics may vary. Please contact your local distributor for further information.



BenQ Intraoral Scanner BIS-1

Artificial Intelligence for digital impressions



BU Medical Equipment
Sede legale ed amministrativa
Headquarters
Cefla s.c.
Via Selice Provinciale, 23/a
40026 Imola - Bo (Italy)
tel. +39 0542 653111
fax +39 0542 653344

Stabilimento
Plant
Via Bicocca, 14/c
40026 Imola - Bo (Italy)
tel. +39 0542 653441
fax +39 0542 653601





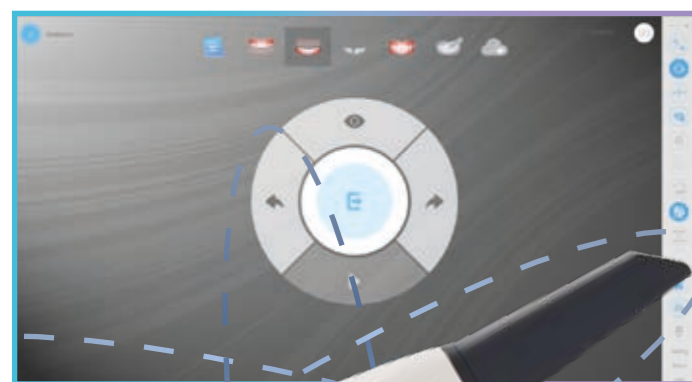
BenQ BIS-1 Intraoral Scanner

- Real-time data optimization thanks to Artificial Intelligence (AI)
- Integrated motion sensor gives total control over workflow
- Precision scanning in every clinical setting
- High quality colour detection
- Open system with multi-format file export (STL, OBJ)



IntraOralScan software

After creating the patient prescription, the IntraOralScan software guides the dentist through the acquisition flow. IntraOralScan can manage various workflows that are tailored to specific clinical applications. Software updates are provided automatically and free of charge via the Cloud.



Integrated dynamic mouse

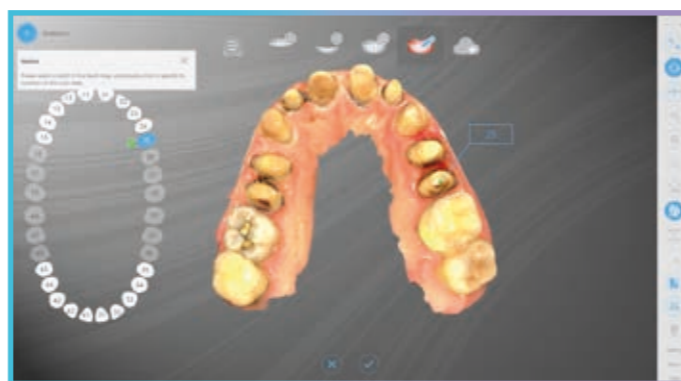
The motion sensor incorporated in the handpiece allows for a continuous acquisition flow and requires no interaction with peripherals. The handpiece acts as a cursor and interacts directly with the graphic interface, simplifying and speeding up dentist-patient communication.

Useful processing tools



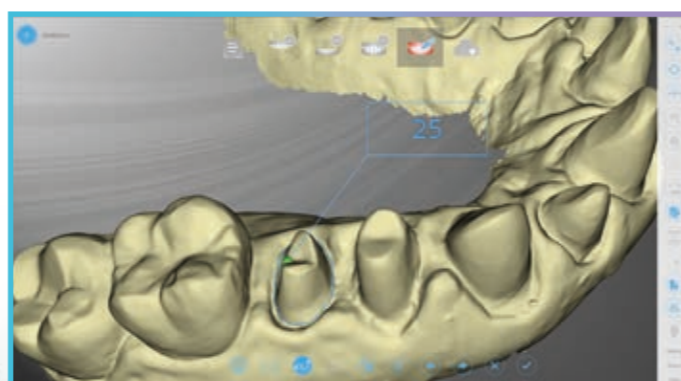
Adjust coordinates

This function lets users orientate the arches so that a correctly aligned file is sent to the laboratory or the 3D printer.



Mark teeth

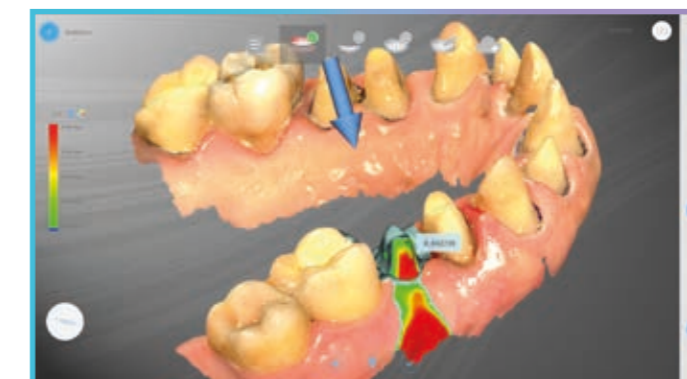
Individual marking of dental elements lets the user generate a detailed information set for the production of each restoration project, with specification of colour, the material to be used or other info.



Highlight the margin line

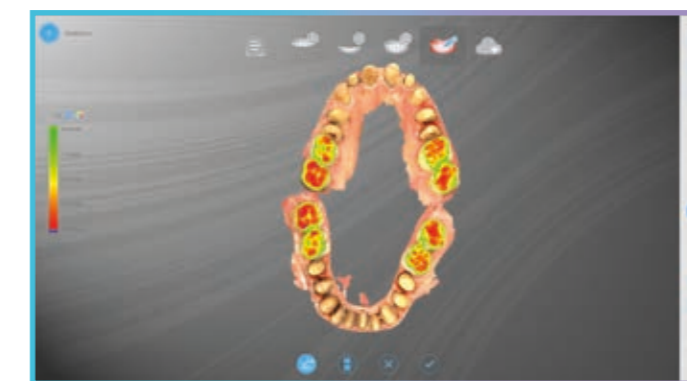
Automatic on-preparation zoom allows easy drawing of the margin line to be shared with the lab.

Diagnostic support tools



Check undercuts

Select the analysis area, set the insertion axis and check for the presence of undercuts and their relative intensity.



Check the bite

Analyse occlusion of the patient's dental arches, verify contact points and inter-occlusal distance.

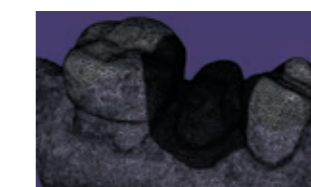
Strengths

A.I. ARTIFICIAL INTELLIGENCE



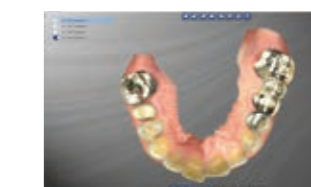
During acquisition, the AI performs real-time removal of the tongue and lip, and prevents acquisition of saliva or blood.

HIGH RESOLUTION



Precision scanning in every clinical setting.

DLP TECHNOLOGY



Realistic colour for perfect communication with patient and lab. Mucosa, teeth and metals are faithfully reproduced.

DYNAMIC MOUSE



The handpiece acts as a cursor and interacts directly with the graphic interface, simplifying and speeding up dentist-patient communication.

