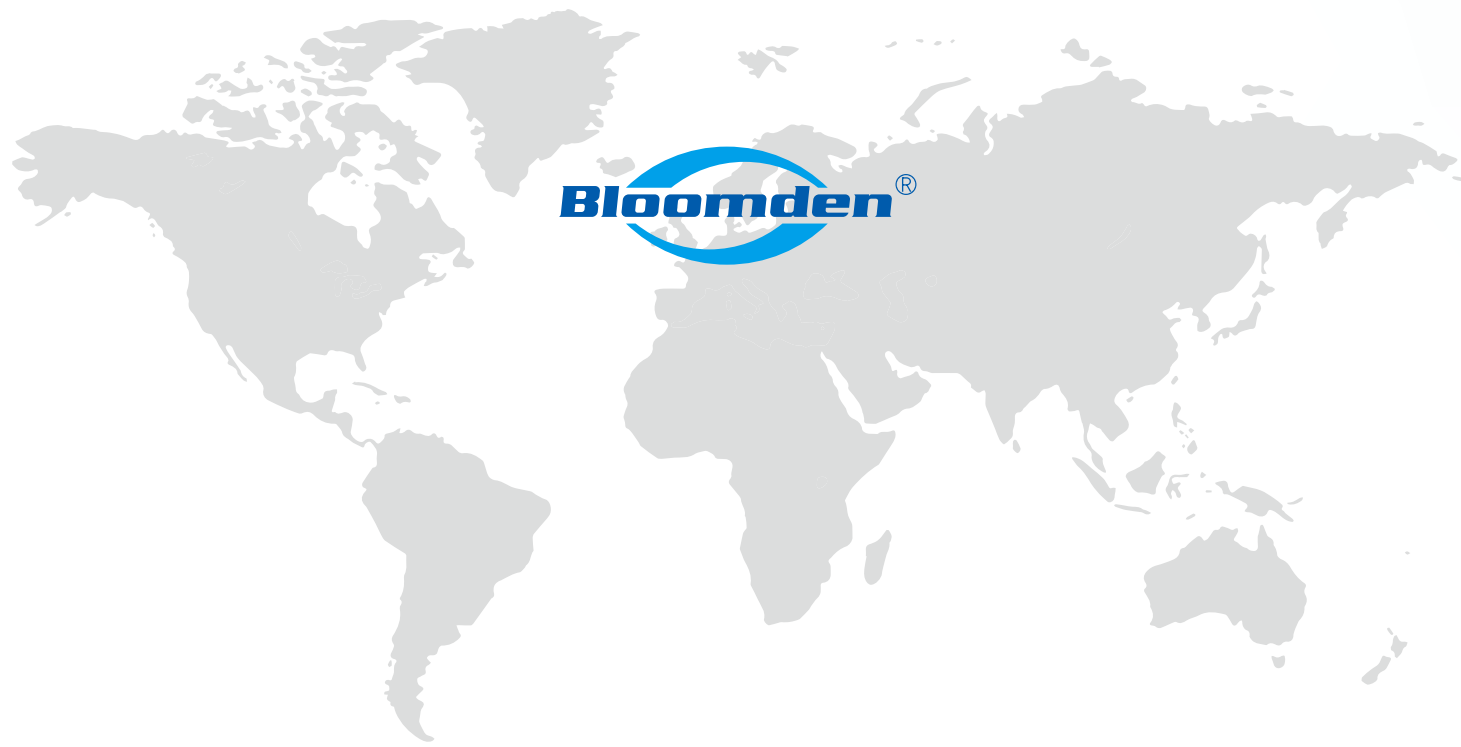




AI-POWERED EDENTULOUS JAW SCANNING

FULL ARCH RECONSTRUCTION DATA ACQUISITION SYSTEM

Bloomden Bioceramics

CAD/CAM Solution Provider

Headquarters

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Manufacturing Base

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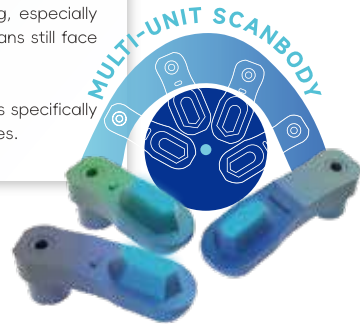


USAGE
PROCESS

With the rapid development of digital dentistry, edentulous implant restorations have entered an era of precision and immediacy. Intraoral photogrammetry systems, as key tools for implant positioning, utilize photogrammetric technology to achieve fast and accurate measurement of implant positions, significantly improving the efficiency of full-arch implant data acquisition.

In edentulous patients, implants are often widely distributed, and the large distances between adjacent scanbodies and limited anatomical landmarks can lead to layered or distorted scan data. Additionally, digital impressions can introduce errors during image stitching, especially because the edentulous alveolar ridge lacks anatomical reference points suitable for capturing point cloud data. As a result, clinicians still face challenges such as insufficient scanning accuracy and data distortion when handling edentulous cases.

The newly launched Bloomden Scan Kit addresses these issues. By combining encoded scanbody and healing cap technologies, it is specifically designed for immediate edentulous implant restorations and can effectively assist in scanning soft tissue in immediate full-arch cases.



STEP 01

Install the scan body onto the multi-unit abutment

STEP 02

Focus the scan on the center area

STEP 03

Install the HS cap onto the multi-unit abutment

STEP 04

Scan to capture gingival soft tissue reference points

BLOOMDEN
SCAN KIT

The core advantages of the Bloomden Scan Kit are precise implant localization and improved intraoral scanning accuracy, ensuring implant positions and angles closely match the patient's oral anatomy.

• Assisted scanning

Addresses the lack of reference points in edentulous areas, helping the scanner capture more complete jawbone and mucosal data

• Ease of use

Eliminates the need for traditional impression taking and casting, streamlining the workflow and shortening patient chair time

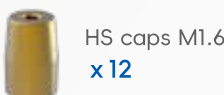
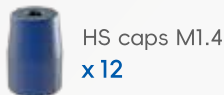


• Data accuracy

Directly links to the implant plan, reducing errors common with traditional impressions and providing reliable data for prosthesis fabrication

M1.4/M1.6
UF-A

Scanbody



Screwdriver
x1



Screw M1.4
x12

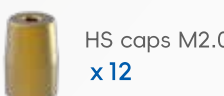
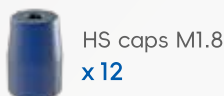


Screw M1.6
x12



M1.8/M2.0
UF-B

Scanbody



Screwdriver
x1



Screw M1.8
x12



Screw M2.0
x12



KEY
BENEFITS

Full Arch Reconstruction Data Acquisition System

Capture high-precision scan data with an error $\leq 0.01\text{mm}$, faithfully reflecting the true implant position. Significantly enhances the digital workflow for edentulous implant restorations, enabling precise implant localization.



Compatible with more than 95% implant systems on the market.

ACCURATE
Accurate Data Acquisition

UNIVERSAL
Greater System Compatibility



Full Arch Reconstruction Data

Reduces the intraoral scanning area—only the markers need to be scanned—minimizing scan time and improving efficiency. Available in multiple sizes (S, M, L) to accommodate different implant positions and anatomical structures for optimal clinical flexibility.



Made from TC4 ELI titanium alloy using integrated forming and high-precision machining with tolerances within 0.005mm . Features a titanium central screw and a titanium nitride-coated protective cap. Easy to clean and disinfect, with enhanced hardness and corrosion resistance, reducing inflammation risk and extending service life.

EFFICIENCY
Flexible Options

PREMIUM
High-Standard Manufacturing

COMPATIBLE
OPERATING SYSTEM

·This list only includes some of the compatible systems.For compatibility with more systems, please contact us



UF-A
(M1.4*0.3)

Thread Outer Diameter 1.4mm
Pitch 0.3mm

AB AB-MU45

ADIN AD-MU49

AXIOM ANG48

3I 3I-MU48

B&B DENTAL BB-MU50

COTEX CTX-MU50

CT-MU50

DENTALMASTER BCT-MU48

NOBEL NB-MU48

DENTIS DTS-MU48-N

ICX ICX-MU48

MEGAGEN MEG-MU48-L

NEO BIOTECH NEO-MU48

OSSTEM OST-TS-MU48

SNUCONE SNUC-MU45

STRAUMANN BNL-MU46

CANSUN KS-MU50



UF-A
(M1.6*0.35)

Thread Outer Diameter 1.6mm
Pitch 0.35mm

CAMLOG CAL-MU43

DENTIN DTN-MU48

MIS MIS-MU45/48

OSSTEM OST-GS-MU40

WEGO WEG-MU45



UF-B
(M1.8*0.35)

ALPHA-BIO TEC ABT-MU47

BIOCONCEPT BIC-MU/46

DENTIUM DT-MU45/55

NEO BIOTECH NEO-MU45



UF-B
(M2.0*0.4)

DENTIS DTS-MU48-H

MEGAGEN MEG-MU48/58

OSSTEM OST-GS-MU50/60

WARANTEC WARA-MU49



SOFTWARE PLATFORM
<https://go.crm-ufscan.com>

After scanning the Bloomden Scanbody, import the scan data into the software platform, then match and convert the data for output.

The output scan file can be imported into any dental CAD design software to design the final restoration.

· Recommend to use Google Browser



Full Arch Reconstruction Data Acquisition System

Restoration Process

1. INTRAORAL SCANNING

Install the scan body onto the MU abutment, then use a scanner to capture the data

2. GINGIVAL SCANNING

Select a suitable HS cap, install it onto the MU abutment, and then use a scanner to capture the data.

3. DATA MATCHING

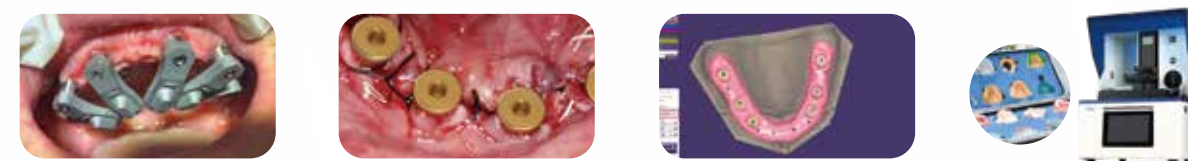
Import the data into the software, perform data conversion and matching, and then output the scan file.

4. DESIGN THE RESTORATION

The output scan file can be imported into any dental CAD design software to design the final restoration.

FULL ARCH RECONSTRUCTION DATA ACQUISITION SYSTEM

Chairside Immediate Restoration Process



Scan UF Scanbody

Scan HS Cap

Design

Print



Denture Placement

Curing

Post-processing