


# ClaroNav product catalog

Revolutionizing dental photogrammetry

biohorizons camlog group

BIOHORIZONS®

# Smarter scanning for predictable full-arch outcomes



## Exceptional accuracy

MicronMapper® delivers unparalleled precision in measuring implant positions. This accuracy ensures a proper passive fit and function of the final prosthetic for successful dental restorations.

### Features & benefits

- **10-second scan time per arch** for rapid, high-precision implant position capture
- **Lightweight 1-pound handheld unit** with an optional ergonomic grip for improved comfort
- **Simple one-click interface** designed for fast, intuitive operation
- **Factory-calibrated system** that eliminates warm-up time and pre-scan calibration steps

### Clinical indications

- Supports the design of temporary or final full-arch and multi-implant restorations by capturing and analyzing accurate implant positional data
- Enables extraoral capture of implant positions for streamlined restorative workflows

### MicronMapper case contents

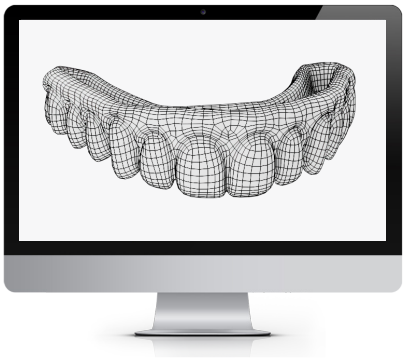
- MicronMapper camera
- Scan bodies (Uni-scan bodies or Split-scan bodies)
- Multi-unit abutment model
- Table mount
- Power cord
- Handle grip
- Extra scan body screws
- Blue Pelican case



# Elevate your full-arch workflow

## Seamless full-arch restorations with MicronMapper

MicronMapper streamlines full-arch workflows by enabling efficient, predictable production of immediate provisionals and final restorations. After capturing the scan with MicronMapper, the system automatically recognizes the scan bodies and generates an STL file with precise implant location coordinates. Your designer then imports this file and merges it with your intraoral scan to create a unified dataset that serves as the foundation for designing either the day-of-surgery provisional or the final restoration, depending on your chosen workflow.



DentaGraphiX™
by Vulcan Custom Dental

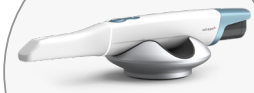
Scan the QR code to learn more about DentaGraphiX design services from Vulcan Custom Dental



Place scan bodies on the multi-unit abutments



Capture implant placement with MicronMapper



Capture soft tissue with an intraoral scanner



Send STL files to your dental lab technician




Send photogrammetry and patient scans to **DentaGraphiX**



Lab customizes the restoration and sends back to clinician



Print design file



Clinician seats the restoration into patient's mouth

### DID YOU KNOW?

Vulcan provides BioHorizons digital libraries for your digital full-arch workflow.

Download:
**vulcandental.com/digitallibraries**

# Introducing split-scan bodies

## Dual-purpose scan bodies

MicronMapper split-scan bodies are used for photogrammetry and soft-tissue (IOS) scans. This unified approach simplifies the scanning process and enhances workflow efficiency. Split-scan bodies feature a two-piece design: a metal base with an internal screw and a snap-on PEEK cap. **The metal bases are optimized for intraoral scanning while the PEEK caps are engineered specifically for capture by the MicronMapper**. Each case includes 16 metal bases and 8 PEEK caps, supporting complete upper- and lower-arch workflows with reliable repeatability.



Each split-scan body series provides 200 validated uses. At 100 usages, a warning notification will appear within the software. Once a series reaches its usage limit, simply advance to the next series to maintain accuracy and performance.

### Metal base features:

- Can be easily scanned by an intraoral scanner (IOS) after implant placement and prior to suturing
- Have internal screws for easy hand insertion and removal (ClaroNav .048 hex driver optional)
- Customizable to fit a wide variety of multi-unit abutment platforms
- Made of titanium and are radiopaque to ensure the seating in post-op scans

### Snap-on PEEK cap features:

- Can be easily yet securely attached and removed from the metal bases by hand
- Can be rotated on their titanium bases for better pattern capture if the scan bodies partially occlude each other



Multi-unit abutments + Metal bases for intraoral scanning + Snap-on PEEK caps to scan with MicronMapper = The future of implant planning

# MicronMapper add-ons

## Advancing what's next with ClaroNav

Improve accuracy and clinical efficiency with MicronMapper accessories: Tissue Mapper and FitCheck. These advanced components integrate seamlessly with MicronMapper to introduce new layers of verification and visualization that enhance full-arch workflows.

Tissue Mapper and FitCheck are not included in the standard MicronMapper case but are available as separate purchases, giving practices the flexibility to scale their capabilities as they grow.




### Tissue Mapper

**Capture soft tissue position**

The post-operative IOS is often the most difficult scan to obtain because of the blood, gums and tongue. Overcome these challenges with Tissue Mapper. Powered by patented surface registration Trace technology, the Tissue Mapper gently touches the gums of the intaglio and surrounding surfaces to create an extremely accurate representation of the soft tissue surface.



### FitCheck scan bodies

**Verify the manufacturing accuracy**

Verify the fit and accuracy of your prosthetics based on digital maps generated with MicronMapper. Specifically, it assesses whether the prosthesis will have a passive fit when placed on the multi-unit abutments without causing stress or misalignment.



# Ordering information

## Hardware packages

| Item number | Item description |
|---|---|
| **955-MM1-MSSM-ASY-A** | MicronMapper Unlimited: 50 BL camera, Software, Unlimited License Package, **Uni-scan body set**, Model and Accessories |
| **955-MM1-MSSM-ASY-B** | MicronMapper Unlimited: 50 BL camera, Software, Unlimited License Package, **Split-scan body set**, Model and Accessories |
| **955-MM1-MSSM-ASY-C** | MicronMapper Flex: 50 BL camera, Software, Flex License Package, **Uni-scan body set**, Model and Accessories |
| **955-MM1-MSSM-ASY-D** | MicronMapper Flex: 50 BL camera, Software, Flex License Package, **Split-scan body set**, Model and Accessories |

## Hardware accessories

| Item number | Item description |
|---|---|
| **950-MM1-MOLD-CSE** | Stone model case |
| **950-MM1-SBDY-JAR** | Scan body holder/autoclaving jar |
| **950-MM1-HDLE-GRP** | Handle grip |
| **955-MM1-MDEL-M14** | Stone model for 1.4 analog |
| **950-MM1-PR30-M14** | Scan body (M1.4) screws per box (4pcs) |
| **950-MM1-PR30-SRT** | Screwdriver for scan body screws - short |
| **950-MM1-PR30-SDS** | Screw driver for scan body screws - long |
| **950-MM1-COVR-SET** | Silicon Sleeve set |
| **950-MM1-PWER-SPY** | Power supply |
| **950-MM1-LHDR-MNT** | Table mounting holder |
| **950-MM1-BLUE-920** | Nanuk 920 blue case with custom foam |
| **950-MM1-FOAM-920** | Nanuk 920 foam insert only |

## Tissue Mapper

| Item number | Item description |
|---|---|
| **955-MMT-TSMP-ASY-A** | Tissue Mapper - Variant 01 |
| **955-MMT-TSMP-ASY-B** | Tissue Mapper - Variant 02 |
| **950-MMT-TSMP-TP1** | Tissue Mapper Extra Pointed Tip |
| **950-MMT-TSMP-TP2** | Tissue Mapper Extra Bow Tie Tip |

## FitCheck

| Item number | Item description |
|---|---|
| **955-MMF-SCAN-BDY** | Laser-marked FitCheck scan body (8 pcs per set) with custom container |

## Flex licenses & upgrades

| Item number | Item description |
|---|---|
| **990-MM1-FlexPack-10** | Additional 10 licenses for Flex @ $200 each |
| **990-MM1-FlexPack25** | Additional 25 licenses for Flex @ $120 each |
| **990-MM1-FlexPack50** | Additional 50 licenses for Flex @ $80 each |
| **990-MM1-FlexPack100** | Additional 100 licenses for Flex @ $50 each |
| **990-MM1-FLEX-UP1** | Flex to Unlimited Upgrade Year 1 |

## Uni-scan bodies

| Item number | Item description |
|---|---|
| **950-MM1-SCAN-BDY-0** | MicronMapper Uni-scan body set (10 per set) 00-09 |
| **950-MM1-SCAN-BDY-1** | MicronMapper Uni-scan body set (10 per set) 10-19 |
| **950-MM1-SCAN-BDY-2** | MicronMapper Uni-scan body set (10 per set) 20-29 |
| **950-MM1-SCAN-BDY-3** | MicronMapper Uni-scan body set (10 per set) 30-39 |
| **950-MM1-SCAN-BDY-4** | MicronMapper Uni-scan body set (10 per set) 40-49 |
| **950-MM1-UNIS-TOP-00** | Individual scan body **replacement series**[1], same serial number on any number from 00-09 |
| **950-MM1-UNIS-TOP-10** | Individual scan body **replacement series**[1], same serial number on any number from 10-19 |
| **950-MM1-UNIS-TOP-20** | Individual scan body **replacement series**[1], same serial number on any number from 20-29 |
| **950-MM1-UNIS-TOP-30** | Individual scan body **replacement series**[1], same serial number on any number from 30-39 |

## Split-scan bodies

| Item number | Item description |
|---|---|
| **955-MM1-SPLT-BDY-0** | MicronMapper Split-scan body set (8 tops + 16 bases) 00-07 |
| **955-MM1-SPLT-BDY-1** | MicronMapper Split-scan body set (8 tops + 16 bases) 10-17 |
| **955-MM1-SPLT-BDY-2** | MicronMapper Split-scan body set (8 tops + 16 bases) 20-27 |
| **955-MM1-SPLT-BDY-3** | MicronMapper Split-scan body set (8 tops + 16 bases) 30-37 |
| **955-MM1-SPLT-BDY-4** | MicronMapper Split-scan body set (8 tops + 16 bases) 40-47 |
| **955-MM1-SPLT-TOP-00** | Individual scan body **replacement series**[1], same serial number on any TOPS from 00-07 |
| **955-MM1-SPLT-TOP-10** | Individual scan body **replacement series**[1], same serial number on any TOPS from 10-17 |
| **955-MM1-SPLT-TOP-20** | Individual scan body **replacement series**[1], same serial number on any TOPS from 20-27 |
| **955-MM1-SPLT-TOP-30** | Individual scan body **replacement series**[1], same serial number on any TOPS from 30-37 |
| **955-MM1-SPLT-TOP-40** | Individual scan body **replacement series**[1], same serial number on any TOPS from 40-47 |
| **950-MM1-SS14-BSE-8** | Individual Split-scan body Titanium BASE replacement, 8 pcs |
| **950-MM1-SS14-BSE-16** | Individual Split-scan body Titanium BASE replacement, 16 pcs |

1. Four pieces minimum for orders of individual scan body replacements.

# Direct Offices

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