New as of: 05.2013

sirona
The Dental Company

Sirona Dental CAD/CAM System ScanPost

Operating Instructions

English (US)

Table of contents

1 Symbols used

NOTICE! Observe operating instructions!

This product is a medical device in accordance with Council Directive 93/42/EEC.

Rx only	**CAUTION:** Federal law (USA) restricts sale of this device to or on the order of a physician, dentist, or licensed practitioner.

Article number

Batch number

unsterile

2 Product description

ScanPost is an impression post which can be used intraorally to digitally capture the position of the implant in relation to the remaining teeth and the soft tissue.

The implant-specific scan post is screwed together with the implant only for the purpose of optical detection. The scan post and fixing screw are sterilizable and can be used up to 50 times.

ScanPost must not be used for the final implant treatment!

A suitable scanbody must be mounted on the scan post. Scanbodies are separately available for different camera systems in connection sizes S and L.

The product scanbodies for Omnicam is suitable only for intraoral application with CEREC Omnicam. The product scanbodies for Bluecam can be used for the CEREC Bluecam, inEos X5 and inEos Blue acquisition systems.

Digital capture of the implant position with ScanPost is possible only in connection with one of three software products, i.e. CEREC SW 4.2, CEREC Connect SW 4.2 or inLab SW 4.2 (or higher).

ScanPost comes in various versions, each of which is compatible with a specific diameter of a specific implant system.

Implantat manufacturer	Implantat system	ScanPost	REF	Scanbodies for Omnicam	REF	Scanbodies for Bluecam	REF	TiBase	REF
Noble Biocare	Replace® NP	ScanPost NB RS 3.5 L	6430933	L	6431329	L	6431303	TiBase NB RS 3.5 L	6282474
	Replace® RP	ScanPost NB RS 4.3 L	6430941	L	6431329	L	6431303	TiBase NB RS 4.3 L	6282482
	Replace® WP	ScanPost NB RS 5.0 L	6430958	L	6431329	L	6431303	TiBase NB RS 5.0 L	6282490
	Replace® 6.0	ScanPost NB RS 6.0 L	6430982	L	6431329	L	6431303	TiBase NB RS 6.0 L	6282508
	Noble Active NP	ScanPost NB A 4.5 L	6431279	L	6431329	L	6431303	TiBase NB A 4.5 L	6308188
	Noble Active RP	ScanPost NB A 5.0 L	6431287	L	6431329	L	6431303	TiBase NB A 5.0 L	6308253
	Branemark®	ScanPost NB B 3.4 L	6431006	L	6431329	L	6431303	TiBase NB B 3.4 L	6282516
	Branemark®	ScanPost NB B 4.1 L	6431022	L	6431329	L	6431303	TiBase NB B 4.1 L	6282524
Straumann	SynOcta NN	ScanPost SSO 3.5 L	6431162	L	6431329	L	6431303	TiBase SSO 3.5 L	6284231
	SynOcta RN	ScanPost SSO 4.8 L	6431170	L	6431329	L	6431303	TiBase SSO 4.8 L	6284249
	SynOcta WN	ScanPost SSO 6.5 L	6431196	L	6431329	L	6431303	TiBase SSO 6.5 L	6284256
	Bone Level NC	ScanPost S BL 3.3 L	6431246	L	6431329	L	6431303	TiBase S BL 3.3 L	6308154
	Bone Level RC	ScanPost S BL 4.1 L	6431253	L	6431329	L	6431303	TiBase S BL 4.1 L	6308337
Astra Tech	OsseoSpeed	ScanPost AT OS 3.5/4.0 L	6431055	L	6431329	L	6431303	TiBase AT OS 3.5/4.0 L	6282532
	OsseoSpeed	ScanPost AT OS 4.5/5.0 L	6431063	L	6431329	L	6431303	TiBase AT OS 4.5/5.0 L	6282540
Friadent	Frialit / Xive	ScanPost FX 3.4 S	6430891	S	6431311	S	6431295	TiBase FX 3.4 S	6282433
	Frialit / Xive	ScanPost FX 3.8 S	6430909	S	6431311	S	6431295	TiBase FX 3.8 S	6282441
	Frialit / Xive	ScanPost FX 4.5 L	6430917	L	6431329	L	6431303	TiBase FX 4.5 L	6282458
	Frialit / Xive	ScanPost FX 5.5 L	6430925	L	6431329	L	6431303	TiBase FX 5.5 L	6282466
Biomet 3i	external hex.	ScanPost B O 3.4 L	6431089	L	6431329	L	6431303	TiBase B O 3.4 L	6282557
	external hex.	ScanPost B O 4.1 L	6431105	L	6431329	L	6431303	TiBase B O 4.1 L	6282565
	external hex.	ScanPost B O 5.0 L	6431113	L	6431329	L	6431303	TiBase B O 5.0 L	6282573
	Certain®	ScanPost B C 3.4 S	6431212	S	6431311	S	6431295	TiBase B C 3.4 S	6308048
	Certain®	ScanPost B C 4.1 L	6431220	L	6431329	L	6431303	TiBase B C 4.1 L	6308097
	Certain®	ScanPost B C 5.0 L	6431238	L	6431329	L	6431303	TiBase B C 5.0 L	6308121
Zimmer	Tapered Screw-Vent	ScanPost Z TSV 3.5 L	6431139	L	6431329	L	6431303	TiBase Z TSV 3.5 L	6282581
	Tapered Screw-Vent	ScanPost Z TSV 4.5 L	6431147	L	6431329	L	6431303	TiBase Z TSV 4.5 L	6282599
	Tapered Screw-Vent	ScanPost Z TSV 5.7 L	6431154	L	6431329	L	6431303	TiBase Z TSV 5.7 L	6282607

3 Materials

Designation	Component	Material	Description
Fixing screw		Ti6Al4V, medical grade 5, ASTM 136	Can be used 50x, sterilizable
Post		Ti6Al4V, medical grade 5, ASTM 136	Can be used 50x, sterilizable
Scanbody for Bluecam		ABS (Cycolac GPM 5500 / WH4A015F)	Can only be used once, disinfectable, Color: white
Scanbody for Omnicam		ABS (Lustran M203FC)	Can only be used once, disinfectable, Color: gray

The images of the fixing screw and the post are only examples. Their actual form may vary depending on the implant system involved.

4 Indications for use

The Sirona Dental CAD/CAM System is intended for use in partially or fully edentulous mandibles and maxillae in support of single or multiple-unit cement retained restorations. For the SSO 3.5 L and SBL 3.3 L titanium bases, the indication is restricted to the replacement of single lateral incisors in the maxilla and lateral and central incisors in the mandible. The system consists of three major parts: TiBase, inCoris mesostructure, and CAD/CAM software. Specifically, the inCoris mesostructure and TiBase components make up a two-piece abutment which is used in conjunction with endosseous dental implants to restore the function and aesthetics in the oral cavity. The inCoris mesostructure may also be used in conjunction with the Camlog Titanium base CAD/CAM (types K2244.xxxx) (K083496) in the Camlog Implant System. The CAD/CAM software is intended to design and fabricate the inCoris mesostructure. The inCoris mesostructure and TiBase two-piece abutment is compatible with the following implant systems:

- Nobel Biocare Replace (K020646)
- Nobel Biocare Branemark (K022562)
- Friadent Xive (K013867)
- Biomet 3i Osseotite (K980549)
- Astra Tech Osseospeed (K091239)
- Zimmer Tapered Screw-Vent (K061410)
- Straumann SynOcta (K061176)
- Straumann Bone Level (K053088, K062129, K060958)
- Biomet 3i Certain (K014235, K061629)
- Nobel Biocare Active (K071370)

⚠ CAUTION

Small diameter implants and large angled abutments in the anterior region of the mouth due to possible failure of the implant system.

⚠ CAUTION

Federal Law (USA) restricts the sale of this device to or on the order of a physician, dentist, or licensed practitioner.

5 Use of TiBase devices and contra-indications

TiBase devices are attached to an implant as prosthetic titanium base for adhesion to mesostructures to restore function and aesthetics in the oral cavity.

Contra-indications are:

- Insufficient oral hygiene
- Insufficient space available
- Bruxism
- For restorations with angulation correction of more than 20° to the implant axis.
- For individual tooth restorations with free end saddle.
- For restorations whose length exceeds a ratio of 1:1.25 in comparison to the length of the implant.

6 Use of ScanPost

Preparations

1. Check the fixing screw and the post for damage before reusing them.

⚠ CAUTION

Risk of injury

Damaged parts must not be used in any case!

2. Sterilize all components of the ScanPost.
   Perform steam sterilization of the post and the fixing screw prior to each use on a patient. This can be performed with the fractionated vacuum or the gravitation method. The sterilization time is 5 minutes at 132°C / 270°F and 15 minutes at 121°C / 250°F. Steam sterilization may be performed only using devices that comply with EN 13060 or EN 285 standards.

⚠ CAUTION

Make sure that the screw used for the ScanPost is not used for treatment of the remaining abutment teeth.

Disinfecting the scanbody

Taking the scan

1. Attach an aspiration protection to the post and scanbody.
2. Prepare the patient for the intraoral scan with CEREC AC. Make sure that the correct scanbody type was selected in the software.
3. Insert the post and fix it with the fixing screw:
   Max. tightening torque: 15 Ncm
   Check the scan post for proper seating in the implant, taking an X-ray exposure if necessary.

4. Mount the scanbody on top of the post. Make sure that the scanbody is pushed onto the post completely and that the markings on the scanbody and the post line up. Only the gray scanbodies for the Omnicam should be used with CEREC AC Omnicam. CEREC AC

Bluecam users should use only the white scanbodies for the Bluecam, which are also supplied e.g. with the TiBase.

5. CEREC AC with Bluecam only:
   Use CEREC Optispray. It is not necessary to coat the scanbody. It is advantageous to apply a thin coating of CEREC Optispray to the scanbody. Avoid coating until a blue coloration results.
6. Take the scan. Make sure that the upper side of the scanbody was captured well and completely. The sides of the scanbody do not have to be scanned.
7. Pull off the scanbody and dispose of it.
8. Loosen the fixing screw and remove the post.
9. CEREC AC with Bluecam only:
   If necessary, use CEREC Optispray once again to take scans of the gingiva.

We reserve the right to make any alterations which may be required due to technical improvements.

D3568.201.02.02.23 05.2013
Sprache: englisch (US)
Ä.-Nr.: 117 358
Printed in Germany

Sirona Dental Systems GmbH

Fabrikstraße 31
D-64625 Bensheim
Germany
www.sirona.com

in the USA:
Sirona Dental Systems LLC
4835 Sirona Drive, Suite 100
Charlotte, NC 28273
USA

Order No **64 34 224 D3568**