ScanLadder

GUIDELOCK



WELCOME TO THE FUTURE
OF
ALL ON X

INSTRUCTIONS, COMPLIANCE & IFU

WWW.SCANLADDER.COM

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hello!

THANK YOU FOR YOUR PURCHASE!

Welcome to the future of All On X! If you need support at any time, please feel free to email us at **info@scanladder.com**
If you are happy with the product, we would love to see your passive cases with provisional or permanent restorations in place posted on social media and tag #scanladder
If you would also be so kind as to leave us review on google following this QR code and share your experiences with us, we would be most grateful. We are always happy to support our users!

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Getting Started

Getting Started

Scan Ladder GuideLock™ is a screw-retained reference system intended for transient intra-operative use during guided implant surgery and digital impression capture. It is designed to temporarily stabilise surgical guides and provide reproducible reference points for CBCT and intraoral scanning in edentulous workflows. The reference screw is inserted and removed in transient use and is not intended to remain in the body. GuideLock™ is supplied non-sterile and reusable accessories must be cleaned, disposed of and sterilised prior to use in accordance with the Instructions for Use.

Your free online All On X Scan Ladder Course

- **Use code "scanladder0824" to access for FREE**

If you need to order more reference screws

The Scan Ladder WhatsApp support group

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Surgery Workflow Instructions



1 Insert Reference Screws In Triangle

Assess the bone height available and making sure there is over 8mm of height available above vital structures place reference screws safely in a triangle formation over arch. Access can be prepared using a lance bur end.



2 Take CBCT Scan

Next, take a CBCT scan with the reference screws in situ.
You can match a scan of the reference screws or scan using a scan Ladder using the GuideLock Library to retrieve STL positions of the screws and export with the scan.



3 Design Surgical Guide and Fix with 2nd Screws

Use the second part reference screw caps to lock the surgical guide into place once printed.

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Scan Ladder Workflow Instructions



1 Attach MUA Screws to Reference Screws

Attach the MUA Screws to the reference screws. Make sure to not tighten them down too heavily or with too much torque as this will result in the main reference screw unscrewing on removal and detachment.



2 Attach Scan Ladders to MUA Screws

Use the Scan Ladder kit (sold separately) to attach Scan Ladders to the MUA caps. Scan this using the scanning instructions provdided in Scan Ladder.



3 Use Exocad GuideLock Library to Export STL

Using the exocad GuideLock Library, you can load the implant position using the scan ladders. This will then give you a virtual reference screw. You can then export the scene of all three virtual reference screws along with the gingival scan and the matched data to give a precise surgical guide surface.

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Tips & Recommendations



1 There should be a safety zone

Pre-surgical assessment is paramount and crucial for safety. **Do not use** the reference screws in areas where there is little bone or vital structures nearby. There should be more bone height and safety room than the height of the screw.



2 Keep scanning smoothly & Turn Off AI

As you scan following the path described in the “Scanning Path Instructions”, make sure that the scan motion is smooth and not jerky. If your scanner has any AI functions, turn these off.



3 Denture space above reference screws

Make sure to clear the fitting surface near the reference screws in dentures worn temporarily whilst the surgical guide is constructed.



4 Do not over tighten components

If you over tighten components, then there is a risk you will dislodge the reference screw when unscrewing.

Scan Ladder GuideLock Manual

Product Name
Scan Ladder GuideLock™

Product Description
The Scan Ladder GuideLock™ is a two-part, screw-retained reference system intended for transient intra-operative use during guided implant surgery and digital impression capture in edentulous cases.
It is used to temporarily stabilise surgical guides and provide reproducible reference points for CBCT and intraoral scanning. The reference screw is inserted and removed within the same procedure, is not implantable, and must not remain in the body. The device is supplied non-sterile and must be cleaned and sterilised prior to use.

Structural Composition

- Reference Screw – transient, bone-placed screw for temporary guide stabilisation and referencing
- Clamping Screw – secures the surgical guide during the procedure
- Optional MUA Clamping Screw – provides a temporary MUA interface for edentulous scanning
- GuideLock Screwdriver – for placement and removal of GuideLock™ components
- MUA Driver – for placement and removal of the MUA clamping screw

Performance
Each Scan Ladder GuideLock™ component is manufactured to a high standard of surface finish and is supplied free of visible defects, burrs, or surface contamination.

Model	Length (mm)	Width (mm)	Height (mm)
5.8 ± 0.02	5.8 ± 0.02	12 ± 0.02	5.8 ± 0.02
4.2 ± 0.02	4.2 ± 0.02	8 ± 0.02	4.2 ± 0.02
5 ± 0.02	5 ± 0.02	10.2 ± 0.02	5 ± 0.02

Intended Use
Each Scan Ladder GuideLock™ reference marker is intended for transient intra-operative use to provide temporary stabilisation and reproducible reference points for CBCT imaging, guided implant surgery, and intraoral scanning in fully or partially edentulous cases.
The device is inserted and removed within the same surgical procedure and is not intended to remain in the body.

Instructions for Use

1. Drill a pilot hole and insert the GuideLock™ reference screw into the jawbone.
2. Acquire a CBCT scan with the reference screw in place for digital planning.
3. Design and manufacture the surgical guide.
4. Position the surgical guide and secure it using the clamping screw for temporary intra-operative stabilisation.
5. Where required, use the GuideLock™ reference as a temporary reference to align CBCT and intraoral scan datasets.
6. Remove all GuideLock™ components before completion of the surgical procedure.
7. Export scan data using the appropriate Scan Ladder library for laboratory use.

Disposal
After use, the GuideLock™ reference screw should be considered a potential biological hazard and must be disposed of in accordance with local clinical waste regulations.

Package List

Name	Quantity
Autoclavable Box	1
Screwdriver	1
MUA Screwdriver	1
Main Ref Screw	6
Clamping Screw	6
MUA Clamp Screw	6

Contraindications and Cautions

- The Scan Ladder GuideLock™ must only be used by appropriately trained dental professionals.
- Do not use in patients with known hypersensitivity or allergy to titanium or any component materials.
- The GuideLock™ is intended for transient intra-operative use only and must be used in accordance with these instructions.
- Care must be taken to prevent accidental swallowing or inhalation of any component. If this occurs, seek immediate medical attention.
- Ensure the bone surface and surrounding area are clean and free from soft tissue, debris, or fluids prior to placement to allow correct seating and stability.

Warnings and Precautions

1. Plan the position of each GuideLock™ reference screw to maintain a safe distance from anatomical structures.
2. Do not use damaged or deformed GuideLock™ components; replace immediately if damage is observed.
3. Do not disassemble, modify, or alter any component.
4. Tighten the clamping screw using the supplied driver only (maximum tightening torque: 15 Ncm).
5. Do not rotate the GuideLock™ reference screw once installed and used as a reference during scanning.
6. The GuideLock™ system must only be used with the compatible Scan Ladder digital library in the planning software.

Service Life

The GuideLock™ reference screw is intended for single-patient, transient intra-operative use and must be disposed of after use.
Reusable accessories (drivers and sterilisation box) may be reprocessed in accordance with the instructions below.

Cleaning and Sterilisation (Accessories Only)

Reusable accessories supplied with the GuideLock™ system must be cleaned and sterilised prior to use.

1. Rinse immediately under running water for at least 1 minute to remove visible contamination.
2. Soak in an enzymatic cleaning solution according to the manufacturer's instructions for a minimum of 10 minutes.
3. Clean by gentle agitation to ensure internal surfaces are flushed.
4. Rinse thoroughly with distilled or deionised water for at least 1 minute.
5. Dry using a clean, lint-free cloth.
6. Sterilise in an autoclave using one of the following validated cycles:
   - 134 °C, 4 minutes, drying time 30 minutes (vacuum cycle), or
   - 121 °C, 30 minutes, drying time 30 minutes (vacuum cycle).

Caution

- GuideLock™ reference screws are single-use devices and must not be reused.
- Do not use any component showing signs of wear, deformation, or damage.
- Allow sterilised accessories to cool to room temperature before handling to avoid injury.

Environmental Requirements

Status	Temperature	Relative Humidity
Working	10°C-30°C	30%RH ±3% - 80%RH ±3%
Storage /Transporation	-30°C-60°C	30%RH ±3% - 90%RH ±3%

Transport Caution

1. When transporting, please handle with care. Do not drop or press the package.
2. Please keep this device in a clean and dry place.

Labels and Symbols

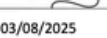
Symbol	Explanation
CE	Indicates the product has been assessed by the manufacturer and deemed to meet EU safety, health, and environmental protection requirements.
Rx	By prescription. (In the US and Law restricts this device to sale by or on the order of a dentist or other licensed practitioner.)
MD	Indicates the item is a medical device.
Fragile	Indicates a medical device that can be broken or damaged if not handled carefully.
Keep Dry	Indicates a medical device that needs to be protected from moisture.
Non-Sterile	Indicates sterility position of the transport package.
Recycle	Indicates that the medical item or its material is part of a recovery or recycling process.
Do not Reuse	Indicates a medical device that is intended for one use or for use on a single patient during a single procedure.
Temperature Limit	Indicates the range of humidity to which the medical device can be safely exposed.
Humidity Limit	Indicates the range of humidity to which the medical device can be safely exposed.

Manufacturer Name
Full Arch Technologies Limited
Manufaccturer's Address
The Market Cross, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT
Contact Information
Website: www.scanladder.com Email: info@scanladder.com
Manufacture Date
On each Scan Ladder Label.
GMDN Code 64323
EU EUDAMED UK-MF-000045401
UDI 5070003402SGUIDELOCKV6
EU Authorised Representative
Cert3global, Unipessoal Lda. Hermano Neves, nº 18, Piso 3, E7, 1600-477, Lisboa, Portugal enquiry@cert3global.com
U.S. FDA Assigned Owner/Operator Number: 10091807
Registration Number: 3033436335
Release Date of the Manual
3rd April, 2026

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DECLARATION OF CONFORMITY

Full Arch Technologies Limited declares, under its sole responsibility, that the product(s) covered in this document are in conformance with the requirements of **Medical Devices Regulations 2002 (SI 2002 No 618, as amended) (UK MDR 2002).**

Manufacturer Name	Full Arch Technologies Limited
Manufacturer Address	The Market Cross, 1st Floor, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT United Kingdom
Product Name Variants	Scan Ladder GuideLock (System Procedural Pack)
Product Model Number	FT-GL-2025
Classification	Class 1
Conformity Assessment Route	Part II of the UK MDR 2002, Annex VII (as modified by Part II of Schedule 2A to the UK MDR 2002)
Description of the Products	Scan Ladder GuideLock™ is a non-implantable medical device system comprising transient, surgically invasive reference screws and associated accessories, intended for temporary intra-operative stabilisation of surgical guides during guided implant surgery. The reference screws are inserted and removed within the same surgical procedure and are not intended to remain in the body.
Name	Adam Nulty
Title	Director
Signature	
Date	03/08/2025

EU DECLARATION OF CONFORMITY

According to Annex IV of Regulation (EU) 2017/745

Manufacturer:

Full Arch Technologies Limited
The Market Cross, 1st Floor, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT
United Kingdom

EU Authorised Representative:

Cert3Global UNIPESSOAL, LDA
Hermano Neves nº 18, Piso 3, E7
Lisboa, 1600-477
Portugal

Declaration:

The undersigned declares that the medical device described below complies with the applicable general safety and performance requirements of Regulation (EU) 2017/745 on medical devices. This declaration of conformity is issued under the sole responsibility of the manufacturer.

Device Information

Device Name	GMDN Code	GMDN Term	Classification	Risk Class
Anchoring/Reference Screw	57948	Dental guided surgery reference pin	Non-invasive, transient-use	Class I

Conformity Assessment Route

This device is self-certified under Article 52(7) of Regulation (EU) 2017/745, as a Class I non-sterile, non-measuring device, and does not require the involvement of a Notified Body.

Conformity with Harmonised Standards and Common Specifications

- EN ISO 13485:2016 – Medical devices – Quality management systems
- EN ISO 14971:2019 – Medical devices – Application of risk management to medical devices
- EN ISO 15223-1:2021 – Medical devices – Symbols to be used with medical device labels
- EN 1041:2008 + A1:2013 – Information supplied by the manufacturer
- EN ISO 10993-1:2020 – Biological evaluation of medical devices
- EN ISO 17664:2017 – Processing of health care products – Information to be provided by the manufacturer for the processing of reusable medical devices
- MDCG 2019-15 – Guidance notes for manufacturers of Class I medical devices
- MDCG 2019-7 – Guidance on Article 22 regarding Procedure Packs and Systems

Sterilisation

The device is supplied non-sterile, with validated instructions for cleaning and sterilisation provided in the IFU.

Place and Date of Issue

Norwich, United Kingdom

Signature

For and on behalf of Full Arch Technologies Limited

Prof. Adam Nulty
Director

Signature:

21/09/2025

ScanLadder
GUIDELOCK

RELIABLE CERTIFICATION

Certification

Awarded to

FULL ARCH TECHNOLOGIES LIMITED

Head Office:
The Market Cross, 1st Floor, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT

Reliable Certification Ltd. certifies that the management system of the above organisation has been audited and found to be in accordance with the requirements of the management standard detailed below

Standard

ISO 13485:2016
MEDICAL DEVICES QUALITY MANAGEMENT SYSTEM

Scope of Certification
- Scan Ladder Direct.
- Scan Ladder Guide Lock.

Certificate number:	RCLQ1001806
Initial Issuance date:	06-DEC-2025
Expiry date:	05-DEC-2026
1st Surveillance:	05-DEC-2026
2nd Surveillance:	05-DEC-2027
Recertification date:	05-DEC-2028

Subject to the continued satisfactory operation of the organization's management system

Certification

Awarded to

FULL ARCH TECHNOLOGIES LIMITED

Head Office:
The Market Cross, 1st Floor, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT

Reliable Certification Ltd. certifies that the management system of the above organisation has been audited and found to be in accordance with the requirements of the management standard detailed below

Standard

ISO 9001:2015
QUALITY MANAGEMENT SYSTEM

Scope of Certification
- Scan Ladder Direct.
- Scan Ladder Guide Lock.

Certificate number:	RCLQ1001805
Initial Issuance date:	06-DEC-2025
Expiry date:	05-DEC-2026
1st Surveillance:	05-DEC-2026
2nd Surveillance:	05-DEC-2027
Recertification date:	05-DEC-2028

Subject to the continued satisfactory operation of the organization's management system

Director

Certification Body: RELIABLE CERTIFICATION LTD.
Address: 412 Allied Sainif House Greenford Rd, London UB6 9AH.
For further information, please contact info@reliablecert.uk
To check the validity of this certificate, please visit: reliablecert.uk
Accreditation by UNITED KINGDOM INTERNATIONAL CERTIFYING BOARD (UKICB)
Address: 4 The Ridgeway, Ridgeway Trading Estate, Iver, England, SL0 9HW.
For further clarification regarding accreditation, please visit www.ukicb.co.uk

Office

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Contact

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Website: www.scanladder.com
Social Media: @scanladder

ScanLadder

Model;
Scan Ladder GuideLock System

www.scanladder.com

GTIN **GTIN** 5070003402519
PROD DATE 09-09-2025
SHELF LIFE 5 Years

SN **SKU** FT-GL-2025

LOT **LOT** 2025-002

Manufacturer;
Full Arch Technologies Limited
The Market Cross, 1st Floor, Cornhill, Bury St. Edmunds, Suffolk, IP33 1BT

EC REP **EC REP;**
Cert3global, Unipessoal Lda.
Hermano Neves,
n° 18, Piso 3, E7,1600-477, Lisboa,
Portugal

FDA REG;
Registration Number: 3033436335
Owner Operator Number: 10091807

UK CA CE

NON STERILE

Storage /Transporation
30°C - 60°C
30%RH ±3% - 90%RH ±3%

SRN: UK-PR-000049348

EORI;
GB099239560000

Included Components;
- Sterilisation Container - UDI 13730
- Reusable Screwdriver UDI 33968
- Anchoring/Reference Screw - UDI 57948