

Lilivis SCAN

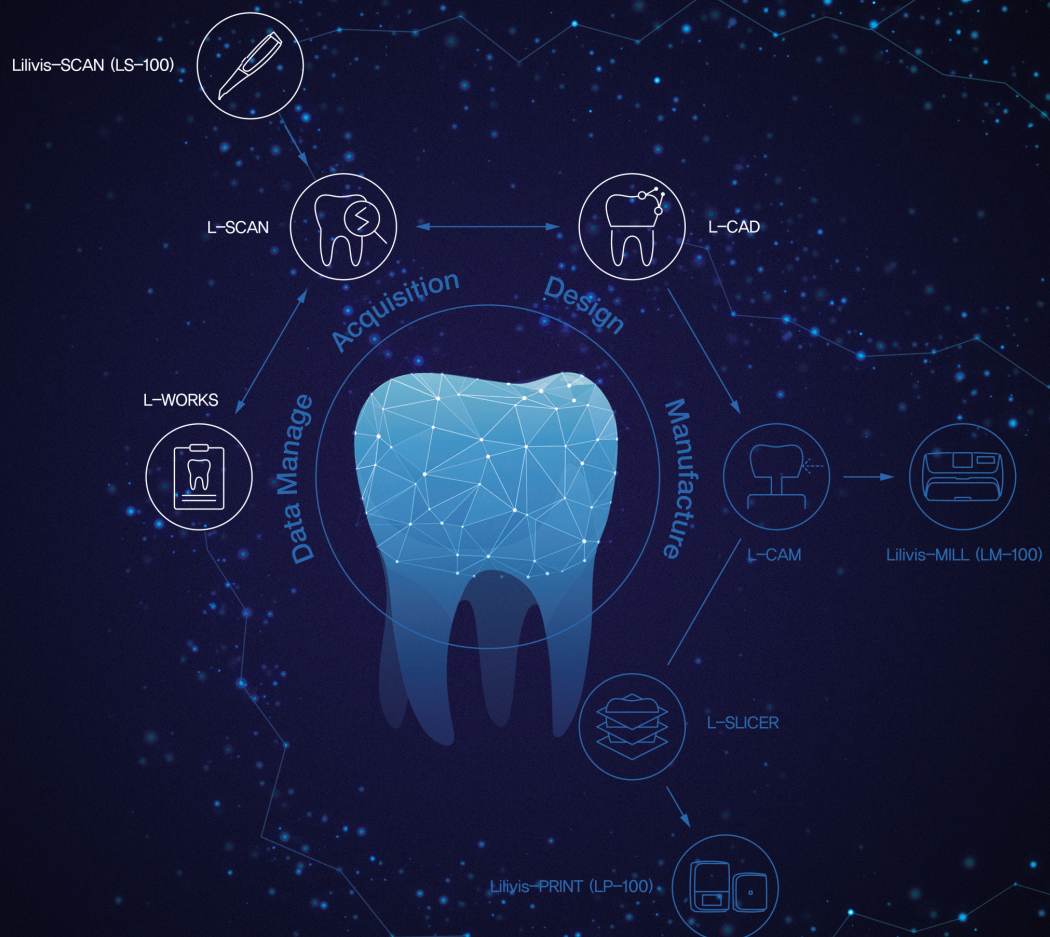
Digital Dentistry Begins, Lilivis



Complete the Perfect Same-Day Digital Workflow with Lilivis SCAN.

Lilivis perfects its ecosystem by integrating in-house-developed cutting-edge products and software into a comprehensive workflow.

Experience the Same-Day Digital Solution from diagnosis to treatment achievable in short time with Lilivis SCAN.





Lilivis SCAN: The more you compare, the more surprising it is, and the more you use it, the more satisfied you become.

- Scanning technology enhanced with Huvitz's optical technology: wider, deeper, and faster
- Lightweight at 230g with an ergonomic design for user comfort
- More accurate impression acquisition with automatic occlusal analysis feature

L-CAD: Easy to learn, enabling anyone to use it like a professional.

- Simple and intuitive UI with a 3STEP workflow: Margin > Parameter > Deform
- Smart design suggestions and processing (Automatic Design Proposal)
- High compatibility with open STL, PLY, and OBJ file formats
- Supports a wide range of Indications such as Crown, Inlay, Onlay, Veneer, Bridge

L-WORKS: Superior in connectivity and security with an integrated database.

- Efficient storage and management of patient, schedule, and case-specific data
- High execution capability organically linked with L-SCAN, L-CAD, L-CAM, L-SLICER
- Complete security of medical and patient data with advanced cyber security features

Scanning deeper and faster without errors.

Lilivis SCAN

Lilivis SCAN completes digital impression acquisition rapidly and accurately with advanced optical technology. Equipped with a handpiece and software (L-SCAN) that achieves 15x18mm FOV / 22mm DOF, it provides reliable treatment with improved data accuracy using AI features. Experience the quality of real-time generated 3D model data while scanning.

This is a conceptual image visualizing the FOV and DOF of Lilivis SCAN.





Handpiece Air Mouse Feature



LED Indicator for Monitoring Progress

All differences begin with scanning.

The market-proven advanced optical technology of Huvitz realized in the superior intraoral scanner –

Lilivis SCAN, Comfortably Light with Ergonomic Design

Ergonomically designed handpiece with stable grip allows easy operation even with one hand

Comfortable for both the user and patient with a compact weight of 230g

Usable with special tip autoclavable up to 150 times

Lilivis SCAN, enhance details quality in small areas.

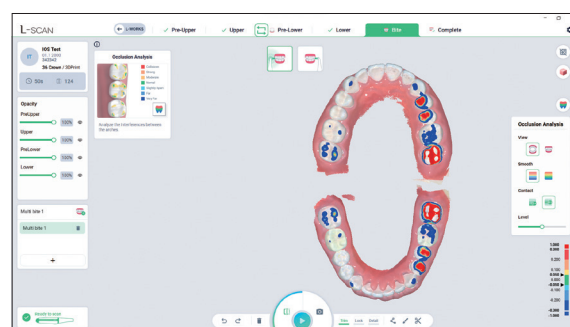
A single movement captures a broader area with a 15x18mm Wide FOV

Precise scanning is possible in challenging areas such as interdental spaces, subgingival margins of the teeth, deep embrasures, etc., with a maximum depth of field (DOF) of up to 22mm.

Enhanced data accuracy by preventing unnecessary element scanning with AI features such as soft tissue filtering and color filtering

Lilivis SCAN, Smartly Streamlines Every Process in Real-Time

The handpiece's Air Mouse allows for real-time verification of data precision, including magnification and reduction of the Scan data.



Automatic Occlusal Analysis Feature

Automatically analyzes color-coded occlusal interferences between the upper and lower jaws, enabling the establishment of optimal treatment plans with the automatic occlusal analysis feature.

The LED indicator on the handpiece facilitates easy confirmation of data collection, while the real-time generation of 3D model screens enables direct quality assessment of the data during scanning.



This is conceptual image visualizing the Automatic Design Proposal feature of L-CAD.

Effortlessly Achieving Optimal Results in Digital Prosthesis Design. L-CAD

L-CAD allows for easy learning and usage, enabling the in-house design of prosthetics.

Not only is the 3STEP workflow convenient, but it also ensures the best results in the shortest design time based on the Automatic Design Proposal.

Additionally, it boasts high compatibility by supporting open file formats like STL, OBJ, and PLY.

Creating high-level value easily and comfortably.

Powerful Chairside CAD Software that anyone can design with effortlessly –

L-CAD, Easier and More Convenient.

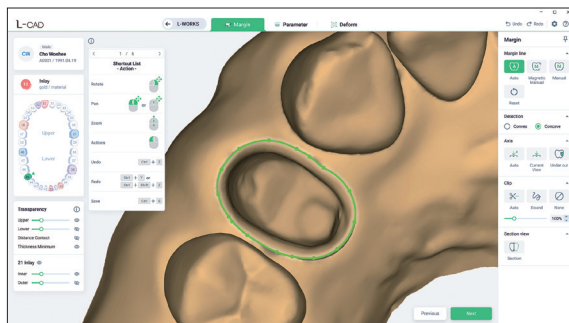
User-friendly interface based on an intuitive UI

Simple 3STEP workflow of Margin > Parameter > Deform

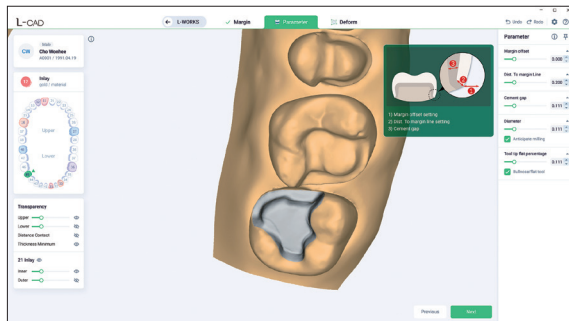
Margin: A stage to set the contact margin line between the prosthesis and the tooth

Parameter: The internal setting stage for the prosthesis thickness and shape

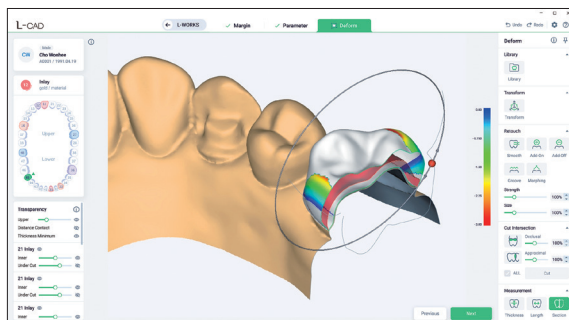
Deform: The stage of material setting and optimal position adjustment considering adjacent teeth



Margin: Automatic Margin Line Detection



Parameter: Cement Gap Setting



Deform: Cross-sectional View of Cement Gap

L-CAD, Faster and More Capable Than Anything.

Design time is brief, but the results are optimal, with smart suggestions and processing by Automatic Design Proposal

Automatic Margin Line Detection

Easy and accurate results with automatically generated margin lines and editing features

Automatic Insertion Axis

Detects and suggests appropriate insertion axis for optimal settings

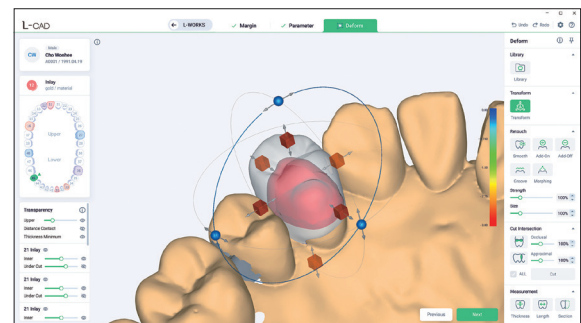
Automatic Tooth Clipping

Allows viewing of the working area only, enabling margin line verification and editing without distortion from adjacent teeth

Automatic Tooth Positioning

Suggests the optimal position of the prosthesis with deep learning, with 360-degree rotation editing for position adjustment or real-time occlusal part checking

Presetting Parameter



Automatic Tooth Positioning

Design creation of the prosthesis made simple with preset Indication Type and Material values

Realizing a one-day system from scanning to prosthesis production in an in-house environment

L-CAD, Utilizes Everything, Making Everything Possible.

Supports a diverse library of Indications such as Crown, Inlay, Onlay, Veneer, Bridge

High compatibility with open STL, PLY, and OBJ file formats

Direct connection with both Livilis PRINT and Livilis MILL, as well as other manufacturers' devices, to maximize treatment synergy



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Specifications

Model	LS-100	
Handpiece	Weight	230 g
	Size	250 x 41 x 52 mm
Scanning	FOV	Up to 15 x 18 mm
	DOF	Up to 22 mm
Imaging	HD Video	3D in Motion Video
	Real Color	3D Full Color Streaming
TIP	Size	20,2 x 18,3 mm
	Sterilization	Autoclavable (150 Times per Tip)
Connectivity	Cable Length	2.0 m
	Connection Type	USB 3.1
Out Format		STL / OBJ / PLY

* Specifications and designs are subject to change without notice.



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