



Galvanofforming: State of the art

- **More convenient.** Galvanofforming with automated rinsing and divesting.
- **More versatile.** Broad range of uses for the gold bath.
- **More efficient.** For a maximum of 16 objects with three layer thicknesses.
- **Harder.** Noticeably harder precipitation results.
- **Simpler.** Excellent ease of handling.

Expand your
options

SOLARIS

Gold. Nothing but gold.

More and more patients want their dental restorations to be highly aesthetic and biocompatible. Gold frameworks made of 99.9% fine gold are the ideal solution. This is the simplest way to end the eternal discussion about the composition of the various materials and their effect on the human body. Once and for all.

A system solution

DeguDent offers system solutions in all areas of dental technology. Solaris® galvanofarming is yet another building block. DeguDent offers all the components required: the gold bath, the Solaris galvanofarming unit, and the matching high-fusing or low-fusing ceramic material. Everything from one source – that means reassurance for the dental laboratory, the dentist and the patient alike. The electroplating unit's self-explanatory menu-guided user interface makes processing safer. Its automated rinsing and divesting features and its ease of handling are unique. Up to 16 objects with three different thicknesses (200 µm, 250 µm, 300 µm) can be produced in one step, increasing processing economy in the laboratory.

Safe as gold

Dental restorations made of a combination of precious metals and ceramics are a concept proven in decades of clinical practice, with galvanofarmed frameworks and cast frameworks alike. Solaris Galvano crowns can be cemented in the conventional way. No costly and time-consuming adhesive bonding is required. Producing the gold-based restorations is safe – and you have already mastered all the techniques.

Biocompatibility

99.9% fine gold. Gold has been successfully used as a dental material for hundreds of years. Solaris Galvano is a highly biocompatible material with very low plaque affinity – well worthy of your decision. DeguDent's galvanofarming technology meets patients' and dentists' demand for biocompatible solutions.

Precision fit

Solaris will help you achieve an excellent precision fit in crown, double crown and bridge technology. There is practically no marginal gap, since the precipitation takes place directly on the stone die. Another important factor is that there are no problems with the expansion and contraction of investing compounds and modelling waxes.

SOLARIS

Aesthetics

Solaris Galvano crowns do not oxidize. This means that there are no discoloured margins and no irritated gums. The warm, deep-yellow hue of fine gold is the ideal background for a beautiful veneer. The average thickness of the non-veneered galvanofarmed crown is only 200 µm. Plenty of room for aesthetics.

Veneering

Symbio®, Duceram® and Duceragold® Kiss are DeguDent ceramics available for veneering. All of these materials are easy to layer onto galvanofarmed copings. Thanks to its low firing temperature of only 780 °C, Duceragold® is an ideal "partner" for Solaris. The balanced and focused Duceragold Kiss concept leaves nothing to be desired with regard to economy and aesthetics.

Double-crown technique

A great number of dental restorations is produced in the double-crown technique. An excellent fit and maximum wearer convenience are their foremost characteristics. The comparatively higher hardness and the homogenous and very smooth surface of Solaris Galvano crowns let the secondary crowns glide smoothly onto the primaries. Several dental alloys can be used for fabricating the primary crowns: BiOcclus® HT, Degunorm® supra or Degunorm® pur, to name just a few, DeguDent's optimized solutions for your patients. These three alloys are free of copper.

Inlays
Onlays
Single crowns
Splints
Galvanized 3-unit bridges
Secondary crowns
Bar connectors



Technical specifications

Dimensions (W x D x H)	Approx. 480 x 270 x 475 mm
Weight	Approx. 12.5 kg
Ambient temperature	-10 to +60 °C
Atmospheric pressure range	800 to 1060 hPa
Height above sea level	Max. 2000 m
Operation	In closed rooms
Protection class	I
Electrical safety	Pursuant to DIN EN 61010 (IEC 61010-1) including CSA and UL guidelines
Overvoltage category	II
Interference suppression	Pursuant to EN 55011, limit curve B
Immunity to electrical noise (sound level)	Pursuant to EN 50082-2
Mains voltage	100/230 V ±10%, internal adjustment
Mains frequency	50/60 Hz
Power requirements	Max. 250 VA
Fuses	Pursuant to IEC 60127, 2 x T 2.5 A/H, 5 x 20 mm

