

HELIOFORM™ HF 300

Galvanofarming made easy



HELIOFORM™ HF 300 – the table-top unit which makes electroforming a straightforward process in any dental laboratory. It provides for the simple, safe and economical production of almost any restorations.

- ✓ Easy and fast
- ✓ Very cost-efficient
- ✓ Overnight manufacturing

C. HAFNER 
FOR DENTAL EXCELLENCE

HELIOFORM™ HF 300

An intelligent system for creating perfect crowns

Electroformed gold frameworks that can be fitted with ceramic facings are an ideal combination for function, aesthetic appeal and biocompatibility.



easy to handle



complete product line



HELIOFORM™ HF 300

Technical Specifications

Fine Gold Frameworks

Type of pieces produced	Electroformed metal frameworks for crowns, inlays, onlays, telescoping elements, abutments, suprastructures for implant-borne restorations
Layer of fine gold frameworks	Approx. 100 to 400 µm, 3 different layers per operation
Fine gold content and consumption	99,99%, approx. 0.6 to 0.8 g per piece

HF 300

Capacity per operation	Up to 6 pieces
Electroforming time	10 h = approx. 150 µm layers 20 h = approx. 300 µm layers
Type of bath	Fine gold electrolyte, non toxic, cyanide-free
Electrolyte	Bath with 14 g Au
Gold yield	Electrolyte is used up to 12,5 to 13 g
Working bath temperature	55°C, thermostatically controlled
Display features	Graphic display, 64x128 dots
Control	Microprocessor, 8 bit, fully automated process
Power Supply	110 V input, 400 W operating maximum < 1 W in standby mode, can be turned off
Dimensions	36 x 25 x 20 cm (W x H x D)
Weight	7.1 kg
Software languages	English, German
Warranty	Two years
Recycling/Avoidance of waste	Gold recovered from used baths with spec. recycling powder

HELIOFORM™ HF 300 provides Advantages for your laboratory

- ✓ 99,99 % fine gold copings with no copper
- ✓ Fully automatic
- ✓ Fewer steps required than other galvanizing systems
- ✓ Electrolyte bath guarantees each coping consistent quality
- ✓ Simple operation of machine and easy to learn
- ✓ 3 different sectors in the lid allow for 6 different thicknesses of copings if desired
- ✓ No divesting of stone dies
- ✓ Gold recovery made easy
- ✓ No waxing, investing, casting, major metal finishing and less alloy used
- ✓ Hands on labor time is Less than half that required of a cast alloy

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