

SF Dental bath

General

The bath is a non cyanidic bath on ammoniumgold(1)sulphite basis.
It works at a neutral pH and is easy to handle.
The precipitates are up to several 100 microns bright shiny of pure gold.

Applications

Electroforming of bridges, crowns and inlays
Gold plating of

- Braces and brackets
- Parts out of Co/Cr/Ni-alloys
- Denture springs
- Partial dentures out of acrylic resin

Attributes

Bath can be replenished with concentrate
Very stable even at daylight
The produced shapes are stable during annealing and welding

One liter bath

Dental bath is ready to use and deliverable with a gold content of (10 g/l Au) 1000 ml

Specification

	Range	Standard
Au-concentration	15-6 g/l	15 g/l
pH	7-8	7.5
Temperature	55-65°C	60°C
Agitation	>5 m/min (solution/mechanically)	
Anode	Pt/Ti (platinised titanium)	
Current density	0.5-1.4 A/dm ²	1 A/dm ²
Efficiency		122.5 mg /A/min

METAKEM Dental bath Replenisher (200 g/l Au)

For substitution of 1 g gold in the bath, 5 ml of needs of Replenisher has to be used.

Gold and platinum group metal chemistry

- Salts, compounds and solutions
- Gold and PGM electroplating baths
- PGM coated parts

Insoluble Anodes

- Titanium and niobium parts
- Customized anodes
- Special base metals and activations

Shaped Material

- Platinum and platinum/rhodium alloys

Passed to you by:

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