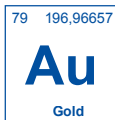


METAKEM
Precious metals & anodes

Gold-VA-Bath

High-quality gold electrolyte particularly
suitable as a pre-coating





Precious metal baths

Gold-VA-Bath**Technical data**

Bath concentration:	2 g / L (range: 1 – 4 g / L)
pH range:	0.3 (range: 0.15 – 0.60)
Temperature:	25°C (range: 15 – 35°C)
Stirring:	>5 m / min
Anodes:	PtTi or MoxTi
Current density:	4 A / dm ² (range: 1 – 10 A / dm ²)
Deposition rate:	4.5 mg Au / Amin
Deposition:	Au: 99.8 % / Co: 0.2 %
Density:	17.5 g / cm ³

Bath contents

Gold-VA concentrate:	100 ml
Demineralised water:	900 ml
Gold-VA-R (replenisher):	3.5 g (= 2 g Au)

**Request product:**→ metakem.de/en/request

Gold-VA-Bath is an excellent gold bath for the deposition of gold directly on stainless steel without prior coating with an intermediate metal and for pre-coating in the dental sector.

Equipment

- ♦ **Container:** Polypropylene (PP) or polyethylene (PE)
- ♦ **Heating:** Glass or PTFE coating
- ♦ **Filtration:** continuous with 1 – 3 µm PP filter cartridges, throughput >3x bath volume / hour

Remark

Strictly use only **Gold-VA-Bath Replenisher** for replenishment. Potassium gold cyanide destroys the bath and endangers staff as a result of the hydrogen cyanide released.

The pH value of the bath is adjusted with **Gold-VA-bath acid solution**. Adding 20 ml / L of this additive reduces the pH value by 0.1, while adding 10 ml KOH (50 %) increases the pH value by 0.1. Due to the acid content, intensive rinsing of the goods is recommended after treatment with the **Gold-VA-Bath**.

Bath Replenishment

1.75 g **Gold-VA Replenisher** (= 1 g Au) is added per gram of gold worked out.

**For further information
please contact us:**

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