

## Rh Decor S

### Applications and attributes

- Rhodium bath for brilliantly bright Rh-coatings
- is a preferred bath to coat jewellery
- brilliantly bright deposits of pure Rh
- possesses a very good throwing power
- works with content of 2.0 - 2.5 grams Rh / l
- delivered as a 'make up concentrate'
- ready for use if added to 1 liter with distilled water
- works at 35-40°C or room-temperature
- can be replenished

### Specification

	Optimum	Range
Delivery form	5 g Rh / 100 ml	1 –5 g Rh / 100 ml
Working concentration	2,5 g Rh / l	0.5 - 2.5 g Rh / l
Colour	red solution	
Voltage	2.5 volts	
Temperature	25°C	25°C - 40°C
Yield	at 25°C at 40°C	9-10 mg Rh / A x min 12-16 mg Rh / A x min
Anode	MOX/Ti (mixed oxides titanium) or Pt/Ti (platinised titanium)	
Surface ratio anode / cathode	1 unto 2.5	
Current density	1 A / sdm	
Agitation	slowly	
Highest brilliance:	at room temperature	
Coating thickness	up to 1.5 microns brilliantly bright	
Free acid	4 g H <sub>2</sub> SO <sub>4</sub> / 1 g Rh	

#### 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:

## METAKEM

Precious metal technology

METAKEM GmbH  
 Achtzehnmorgenweg 3  
 D-61250 Usingen(Germany)  
 Telefon 0 60 81 / 10 60-0  
 Fax 0 60 81 / 10 60-60  
 e-mail [info@metakem.de](mailto:info@metakem.de)  
 Internet [www.metakem.de](http://www.metakem.de)