

# Pen Plating Solutions

JE28-1	White Rhodium
JE29-1	Black Rhodium
JE270	Gold - 14ct. (JE270-1), yellow (JE270-2), red (JE270-3)
JE39	Silver

## Description

The high-quality Pen Plating Solutions are available in different metals and colors. They are especially suitable for partial deposition, for multi-color, repair and restoration processing of small surfaces. Coatings with 0,1 µm can be deposited.

## Metal content

Rh JE28-1 / JE29-1	2 g Rh/ 100 ml
Gold JE270-1/ JE270-2	2 g Au/ 100 ml
Gold JE270-3 (red)	1 g Au/ 100 ml
Silver JE39	2 g Ag/ 100 ml

## Operating conditions

Bath temperature	Room temperature
Voltage	Rh 6-10 Volt Gold (14ct., yellow) 6-8 Volt Gold (red) 3-8 Volt Silver 2-6 Volt

## Form of delivery

- Ready for use

## Operating instructions

- Shake the bottle before use.
- Fill a small amount into a separate work container
- The parts must be cleaned before (ultrasonic or electrolytically degreased)
- After degreasing rinse well and make the parts dry
- Fix the part with a pair of tweezers (minus pol) and plug in the pen plating unit
- Insert a felt tip into the handpiece (plus pol) and plug also into the pen plating unit

- Dip the felt tip into the pen plating solution and wait a moment (15-30 sec) so that the solution can be adsorbed
- While coating avoid any pressure, just go slowly with the felt tip on the part
- Rinse well in fresh water and make the part dry
- Do not fill back the used solution into the original bottle
- Afterwards the handpiece must be thoroughly cleaned with fresh water

## Recommendation

To achieve the best possible results we recommend the use of our pen plating unit **Picco+** and the specially developed **MOX handpiece**. This has an excellent conductivity and is particularly indestructible.

## Bath control and regeneration

Not possible.

## Storage

Store closed and separated from food products and storage in convenient and special marked boxes. Do not bring in contact with other chemicals because the products contain cyanide or sulfuric acid.

## Risks/Disposal

Before drain off the hydrous solutions in the canalization a liquid waste treatment should take place. The specifications of the local responsible water authority are to be regarded.

**Please consider our safety data sheets!**