

PRODUCT RANGE 2026



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JENTNER
PLATING TECHNOLOGY



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Dear customers, dear readers,

Welcome to our latest product catalog! Here you'll find everything you need for high-quality electroplating — from electrolytes to equipment — perfectly suited for goldsmiths, jewelers, watchmakers, schools, universities, laboratories, restorers, and museums.

Many of our electrolytes have been trusted for years, delivering proven performance and reliability. Our plating systems, such as the RMGo!, are designed to work seamlessly with these electrolytes, ensuring efficient and precise results.

Every product in this catalog includes an item number for easy ordering. In our 24/7 online shop, you'll always find up-to-date prices and benefit from fast delivery straight to your door.

We look forward to supporting your plating projects with expertise and high-quality products.

Chris Jentner
CEO

The Jentner DIGITAL II, DIGITAL V and COMFORT II ensure precise and user-friendly electroplating. The DIGITAL models feature a digital display for current, voltage, and temperature, with pre-installed plating programs and adjustable voltage settings for easy, high-quality results. An ampere-minute counter and timer enhance energy efficiency and metal consumption tracking.

The COMFORT II is a versatile unit with an integrated thermostatic control, a pen plating connection, and a fully closable transparent cover for safe operation. All three units include an integrated goods movement system, making them ideal for efficient and secure electroplating.

SMALL SIZE ELECTROPLATING UNIT

DIGITAL II / V

MADE IN GERMANY



9904 | Small Size Electroplating Unit DIGITAL V
4 x 5 liters working tanks and 4 x 2.5 liters cleaning tanks
with pen plating connector

9169 | Small Size Electroplating Unit DIGITAL II Version 2.0
4 x 1.5 liters working tanks and 4 x 1.5 liters cleaning tanks
with pen plating connector

COMFORT II

MADE IN GERMANY



4445 | Small Size Electroplating Unit COMFORT II
3 x 1.5 liters working tanks and 3 x 1.5 liters cleaning tanks
with pen plating connector

ACCESSORIES

Jentner offers a wide range of accessories for different applications. You can choose between tanks, different anodes, heating elements, product suspensions and much more!

2163

Titanium-fixation for Anodes
for COMFORT II / DIGITAL II
39 x 20 mm with screw



6174

Titanium-fixation for Anodes
for DIGITAL V
80 x 20 mm with screw



7808

Titanium-fixation for Stick Immersion Heater
7808.0000.II for COMFORT II / DIGITAL II
7808.0000.V for DIGITAL V
(not pictured)

7249

Immersion Titan Heater 200 W
for COMFORT II and DIGITAL II



12001

Immersion Titan Heater 315 W
for DIGITAL V (not pictured)

4828 | Tank PPH

Working tank 5 l for DIGITAL V
190 x 150 x 220 mm / 5 liters

93 | Tank PPH

Working and cleaning tank 1.5 l for
COMFORT II / DIGITAL II,
150 x 100 x 150 mm / 1.5 liters

4501 | Tank Lid PPH

for 1.5 l tanks for COMFORT II / DIGITAL II



82 | Tank Lid PPH

for 5 l tanks for DIGITAL V



JIGS



2291 | Jig for Rings, 12 hooks, for 1 - 3 liter tanks
Suitable for small-size galvanic unit COMFORT II / DIGITAL II,
150 x 70 mm



6666 | Jig for Rings, 24 hooks, for 5 liter tanks
Suitable for small-size galvanic unit DIGITAL V,
160 x 100 mm



6669 | Jig for Rings, 32 hooks, for 5 liter tanks
Suitable for small-size galvanic unit DIGITAL V,
200 x 100 mm

340 | Jig for Chains, 12 hooks, for 1 - 3 liter tanks
Suitable for small-size galvanic unit COMFORT II / DIGITAL II,
150 x 70 mm

6668 | Jig for Chains, 16 hooks, for 5 liter tanks
Suitable for small-size galvanic unit DIGITAL V,
160 x 100 mm

6670 | Jig for Chains, 16 hooks, for 5 liter tanks
Suitable for small-size galvanic unit DIGITAL V,
200 x 100 mm

SILVER ANODES

1078 | Silver Anode

Without hook
for COMFORT II / DIGITAL II
100 x 50 x 2 mm

for DIGITAL V
150 x 50 x 2 mm



NICKEL ANODES

2162 | Nickel Anode

Without hook
for COMFORT II / DIGITAL II
100 x 50 x 2 mm

for DIGITAL V
150 x 50 x 2 mm



COPPER ANODES

831 | Copper Anode

Without hook
for COMFORT II / DIGITAL II
100 x 50 x 3 mm

for DIGITAL V
150 x 50 x 3 mm



PLATINIZED TITANIUM ANODES

260 | Platinized Titanium Anodes

for COMFORT II / DIGITAL II
100 x 40 mm

for DIGITAL V
150 x 40 mm



MIXED OXIDE (MOX) TITANIUM ANODES

7346 | MOX Anode

for COMFORT II / DIGITAL II
100 x 40 mm

for DIGITAL V
150 x 40 mm



ANODES

STAINLESS STEEL ANODES

28 | Stainless Steel Anode

With hook fold
for COMFORT II / DIGITAL II
150 x 50 x 0.5 mm

for DIGITAL V
200 x 50 x 0.5 mm



RHODIUM MACHINE RMGo!

With the new RMGo! small plating unit, jewelry can be easily electrolytically degreased, rhodium-plated, and color-gilded. Pre-set processing times and voltages, combined with an automatic power cut-off, guarantee professional results every time.

Your Benefits

- Save on rhodium thanks to adjustable plating times
- Optimal plating interval: 30–60 seconds for a high-quality surface
- No voltage adjustments needed: just one button for error-free operation
- Staff quickly become proficient — eliminating costly mistakes

Performance Highlights

- More than 1,000 rings with 1 l of Rhodium Solution JE88
- Brilliant, shiny surfaces
- Baths available as concentrate or ready-to-use



MADE IN GERMANY

10141 | RMGo! Set 1 – for rhodium plating



1 x Rhodium Machine RMGo!
2 x Cable (red)
1 x Cable incl. clip (black)
1 x Jig 130 mm with 4 hooks

2 x Glass beaker 600 ml (incl. lid)
2 x Glass beaker 1000 ml (incl. lid)
1 x Mixed oxide expanded metal anode
1 x Stainless steel expanded metal anode

10142 | RMGo! Set 2 – for rhodium and cold gold color plating



1 x Rhodium Machine RMGo!
3 x Cable (red)
1 x Cable incl. clip (black)
1 x Jig 130 mm with 4 hooks

3 x Glass beaker 600 ml (incl. lid)
3 x Glass beaker 1000 ml (incl. lid)
1 x Mixed oxide expanded metal anode
2 x Stainless steel expanded metal anode

10143 | RMGo! Set 3 – for cold gold color plating



1 x Rhodium Machine RMGo!
2 x Cable (red)
1 x Cable incl. clip (black)
1 x Jig 130 mm with 4 hooks

2 x Glass beaker 600 ml (incl. lid)
2 x Glass beaker 1000 ml (incl. lid)
2 x Stainless steel expanded metal anode

RMGo! ACCESSORIES

6618 | Jig

with 4 hooks, 130 mm



6616 | Mixed Oxide Expanded Metal Anode

6610 | Stainless Steel Expanded Metal Anode



9660 | Lid (red)

for 600 ml beaker

7044 | Lid (red)

for 1000 ml beaker



820 | Glass Beaker 600 ml

823 | Glass Beaker 1000 ml



9757 | Cable (black)

incl. clip

9756 | Cable (red)



The PICCO+ pen plating unit enables fast and flawless application of rhodium, gold, and silver on small items. It is especially designed for the finishing of intricately shaped blanks, findings, settings, and all components that are typically time-consuming to plate. The integrated rectifier is housed in an elegantly crafted stainless-steel case. Voltage settings can be easily and accurately adjusted via the clear LED display – ensuring full control and outstanding results.

PEN PLATING UNIT PICCO+



3217 | Pen Plating Unit PICCO+

Incl. 1 hand piece MOX, 1 tweezer and 10 felt tips squire, brown

ACCESSORIES FOR PEN PLATING UNIT PICCO+



414 | Tweezer



7217 | Hand Piece MOX



7375 | Felt Tips, brown

Available in these units:
10 pcs. | 25 pcs. | 100 pcs.



4784 | Felt Tips, white, thin Ø 2 mm

Available in these units:
10 pcs. | 25 pcs. | 100 pcs.



10221 | Felt Tips, white, round Ø 3.5 mm

Available in these units:
10 pcs. | 25 pcs. | 100 pcs.

Discover how effortless plating can be with our plating pen!

Jentner's exclusive plating pen allows you to comfortably plate small surfaces with greater precision.

It is compatible with almost every plating unit.



Vivacolor offers a wide range of color options and high-contrast finishes for jewelry. Based on acrylic resin, it is a flexible modular system with eight primary colors. The colors cure safely under a blue lamp or LED light. Vivacolor creates durable, ductile layers with strong adhesion, ensuring reliable and long-lasting results.



Pure Transparent



Pure Red



Pure Orange



Pure White



Pure Yellow



Pure Brown



Pure Black



Pure Blue



Pure Green

VS8994 | Vivacolor Starter Set Superlight

This set is the perfect solution for "Vivacolor newcomers": It offers everything you need for plating with acrylic resins.

The set includes:

- | | |
|--------------------------------|----------------------------|
| 1 x LED Superlight Mini | 1 x Mixing plate |
| 1 x Heating plate | 10 x Microbrush regular |
| 1 x Light protection box | 10 x Microbrush fine |
| 1 x Application tool | 10 x Microbrush super fine |
| 1 x Stand for application tool | 1 x Vivacolor link (1 ml) |
| 1 x Ring holder | 1 x Vivacolor bond (3 g) |
| | 8 x 10 g Vivacolor colors |



VIVACOLOR ACCESSORIES



VP8950 | Vivacolor Link, 1 ml
Activator for chemical surface preparation.



VP8951 | Vivacolor Bond, 3 g
Adhesive for chemical surface preparation.



VA8500 | Application Tool
Spatula for mixing and applying the Vivacolor colors.



VA8509 | Stand for Application Tool
To put down the application instrument and a paint can.



VA8503 | Ring Holder
Handle with spring to hold rings.



VA8508 | Light Protection Box
Box for protection against UV light.



VM8800.0001 | Heating Plate
For heating the colors in the can or in the mixing trough.



VA8504 | Mixing Plate
For mixing and heating the Vivacolor colors.



VA8505 | Microbrush Regular
For applying Vivacolor link and bond.
Available in these units:
10 pcs. | 100 pcs.



VA8506 | Microbrush Fine
For applying Vivacolor link and bond.
Available in these units:
10 pcs. | 100 pcs.



VA8507 | Microbrush Superfine
For applying Vivacolor link and bond.
Available in these units:
10 pcs. | 100 pcs.

VIVACOLOR COLOR

Available in
10 g and 25 g cans



VC8002 | Vivacolor Pure Transparent

VC8003 | Vivacolor Pure White

VC8004 | Vivacolor Pure Black

VC8000 | Vivacolor Pure Red

VC8005 | Vivacolor Pure Yellow

VC8009 | Vivacolor Pure Blue

VC8010 | Vivacolor Pure Orange

VC8012 | Vivacolor Pure Brown

VC8007 | Vivacolor Pure Green



VM8803 | Vivacolor Superlight Mini
LED light (blue) with battery and glass light conductor for curing all Vivacolor colors very precisely.

ELECTROPLATING ELECTROLYTES

Jentner provides a comprehensive range of precious and non-precious metal electrolytes, ensuring optimal electroplating and high-quality surface results. From pretreatment to post-treatment, we provide all essential products needed for successful plating processes.

Our in-house laboratory performs analysis and regeneration of nearly all galvanic baths, guaranteeing consistent performance and bath longevity. With a strong focus on quality, efficiency, and reliability, Jentner supports customers at every stage of the electroplating process. From cleaning to coating and final protection, our products enable precise and flawless surface finishing.

PRETREATMENT BATHS

9499 | JE802

Etching Salt, 1 kg

JE802 is ideal for neutralizing after alkaline pretreatment and activating steel, copper, copper alloys and passive nickel layers. The activation with the decapping JE802 replaces the acid dipping on the basis of sulfuric or hydrochloric acid.

356 | JE610

Electrolytic Degreasing, 1 kg or 100 g

The degreasing salt is a cyanide-free, anodic degreaser for galvanic degreasing of all conventional metallic objects.

Bath preparation:

Mix 60 - 90 g degreasing salt in 1 liter demineralized water.



358 | JE Ultra 23

Ultrasonic Cleaner, 1 kg

ULTRA 23 is an universal ultrasonic salt cleaner specifically for precious metals, brass and copper.

Bath preparation: 1 liter of ready-to-use bath requires 45 - 60 g of ultrasonic cleaning salt JE Ultra 23.

2022 | JE811

Ultrasonic Cleaner Rapid, 1 kg

Rapid JE811 is a highly alkaline ultrasonic cleaner powder for steel and gold.

Bath preparation: 1 liter of ready-to-use bath requires 30 - 50 g ultrasonic cleaning salt Rapid JE811.

369 | VP17

Ultrasonic Cleaner, 1 l

The liquid Ultrasonic Cleaning Concentrate ULTRA VP17 is suitable for cleaning gold, silver, steel and non-ferrous metals.

Bath preparation: 1 liter of ready-to-use bath requires 10 - 20 ml ultrasonic cleaner concentrate VP 17.



RHODIUM BATHS

9204 | JE88

Rhodium Concentrate, 2 g Rh, 100 ml

JE88 ensures ultra brilliant white, non-abrasive, glossy surfaces with L * values between 90.5 and 91, layer thickness up to 1 µm.

JE88 also protects silver products against tarnishing.

Bath preparation: mix 100 ml JE88 with 900 ml demineralized water.

9622 | JE23-1

Black Rhodium Concentrate, 2 g Rh, 100 ml

JE 23-1 produces dark, anthracite gray and resistant rhodium layers. The layers are very decorative and abrasion resistant.

Bath preparation: mix 100 ml JE23-1 with 900 ml demineralized water.

8822 | JE88 GO!

Rhodium Bath, 2 g Rh, 1 l

Ready-to-use bath

9621 | JE23-1 GO!

Black Rhodium Bath, 2 g Rh, 1 l

Ready-to-use bath



Jentner's rhodium baths are classified as Non-Dangerous Goods (NDG) for transport. This eliminates the need for special shipping regulations, enabling faster, simpler, and more cost-effective delivery – a significant advantage for international customers.

NDG RHODIUM BATHS

8821 | JE88 GO! NDG

Rhodium Bath, 2 g Rh, 1 l

This bath is ideal for decorative coatings and is frequently used as effective tarnish protection for silverware.

Ready-to-use bath



PLATINUM METAL BATHS

8999 | JE42 V

Palladium Bath, 2 g Pd, 1 l

JE42 is a lightly alkaline electrolyte that deposits high-gloss, decorative, bright palladium layers up to 0.5 µm. It can be used as a pre-palladium and as a diffusion barrier.

Ready-to-use bath

9706 | JE12-1

Black Ruthenium Bath, 5 g Ru, 1 l

With the Black Ruthenium Bath JE12-1, excellent layers from dark gray to black can be deposited. The deposition of high color consistency is the main advantage of this bath.

Ready-to-use bath

2129 | JE18

Platinum Bath, 2 g Pt, 1 l

JE18 is an acidic plating bath that deposits bright, gloss-sustaining, hard layers.

Ready-to-use bath



SILVER BATHS

10315 | JE60

Cyanide Free Silver Bath, 31 g Ag, 1 l

JE60 is an innovative cyanide-free electrolyte for the deposition of very white silver layers. The silver bath JE60 does not contain cyanide and therefore offers significant environmental and safety advantages. The purity of the silver precipitates is almost 100 % and is suitable both for decorative and technical applications. The electrolyte can be used for rack and barrel material up to a thickness of max. 25 µm.

9899 | JE37

Matt Silver Bath, 36 g Ag, 1 l

JE37 is ideal for the deposition of fine white silver layers. It doesn't build up further gloss. The silver electrolyte has an excellent throwing power and is perfect to plate silver decoratively and technically.

Ready-to-use bath

6625 | JE36

Bright Silver Bath, 36 g Ag, 1 l

JE36 guarantees an exceptionally glossy, fine white silver deposition and is ideal for silver applications in decorative and technical fields.

Ready-to-use bath



The Jentner Pre-Plating and Gold Plating baths deposit hard and wear resistant gold layers. These baths guarantee an ideal basis for further color gold plating processes.

PRE-PLATING GOLD BATH AND GOLD PLATING BATHS



Ideal for **DIGITAL**
and **COMFORT**

271 | JE285 Pre-Plating Gold Bath, 3 g Au, 1 l

JE 285 is a high quality gold bath for gilding stainless steels, molybdenum containing steel and nickel-base alloys. The adhesive strength and corrosion resistance of the gold layers are the outstanding advantages of this bath.

Ready-to-use bath

7255 | JE224 Gold Plating Bath Red, 4 g Au, 1 l

JE224 deposits extremely decorative, shining and ductile red gold layers in the colors 4N up to 5N. A very uniform distribution of color and high color consistency can be achieved.

Ready-to-use bath

7251 | JE250 Gold Plating Bath, 3 g Au, 1 l

JE250 is used for the deposition of excellent gloss preserving and hard gold alloy layers up to a thickness of 8 µm. The standard is 23 kt. The color of the deposition and the fineness of the layers are very consistent.

Ready-to-use bath

7252 | JE250 Gold Plating Bath, 5 g Au, 1 l

Ready-to-use bath

7253 | JE250 Gold Plating Bath, 8 g Au, 1 l

Ready-to-use bath

7254 | JE250 Gold Plating Bath, 12 g Au, 1 l

Ready-to-use bath



7256 | Gold Plating Bath JE252 Au/Fe 4 g Au, 1 l

JE252 is a mildly acidic hard gold electrolyte. It deposits gold-yellow, uniformly shiny hard gold coatings and has a high corrosion and abrasion resistance. Up to 8 µm layer thickness. This bath is cobalt- and nickel-free.

Ready-to-use bath

7257 | Gold Plating Bath JE253 Au/In 3 g Au, 1 l

JE253 is a mildly acidic gold electrolyte that produces light yellow, uniformly shiny coatings. With excellent adhesion and durability, it is ideal for applications requiring medium layer thickness, offering up to 5 µm. The bath is cobalt- and nickel-free.

Ready-to-use bath

272 | JE287 Pre-Plating Gold Bath 3 g Au, 1 l

This is a strongly acidic gold electrolyte designed for difficultly activated metals such as chrome-nickel steel or molybdenum-containing steel, enabling direct gold plating with crack-free, ductile, corrosion-resistant gold/iron alloy coatings up to 3 µm. This bath is cobalt- and nickel-free.

Ready-to-use bath



COLD COLOR GOLD BATHS

Jentner Cold Color Gold Baths for decorative gold plating: The baths are supplied ready to use and allow easy use at room temperature. It requires little preparation and attendance and guarantees a considerable saving of energy.

7782 | JE400

Cold Color Gold Bath Fine,
1 g Au, 1 l

Ready-to-use bath

7804 | JE411

Cold Color Gold Bath 14 kt,
1 g Au, 1 l

Ready-to-use bath

7806 | JE421

Cold Color Gold Bath 18 kt,
1 g Au, 1 l

Ready-to-use bath

7814 | JE431

Cold Color Gold Bath Rose,
1 g Au, 1 l

Ready-to-use bath

7807 | JE434

Cold Color Gold Bath Red,
1 g Au, 1 l

Ready-to-use bath



WARM COLOR GOLD BATHS

Jentner Warm Color Gold Baths are ideal for thin, color-constant layers after a previous gold plating process or directly on fine gold. The baths are ready to use and must be heated to approximately 60 °C.

7230 | JE100

Color Gold Bath Fine,
1 g Au, 1 l

Ready-to-use bath

7232 | JE110

Color Gold Bath 14 kt,
1 g Au, 1 l

Ready-to-use bath

7234 | JE210

Color Gold Bath 18 kt,
1 g Au, 1 l

Ready-to-use bath

7779 | JE310

Color Gold Bath Rose,
1 g Au, 1 l

Ready-to-use bath

7233 | JE340

Color Gold Bath Red,
1 g Au, 1 l

Ready-to-use bath



Pen plating is the process of plating partial areas of a workpiece with a special pen. Jentner's pen plating products are perfect for efficient, spotless application of gold, silver and rhodium to small areas. Especially for the jewelry industry.

CONCENTRATES FOR PEN PLATING

5747 | JE270-1

Pen-plating Gold Bath 14 kt, 2 g Au, 100 ml

2149 | JE270-2

Pen-plating Gold Bath Yellow, 2 g Au, 100 ml

9892 | JE270-3.2

Pen-plating Gold Bath Red, 2 g Au, 100 ml

9623 | JE28-1

Pen-plating Rhodium Bath, 2 g Rh, 100 ml

9627 | JE29-1

Pen-plating Black Rhodium Bath, 2 g Rh, 100 ml

972 | JE39

Pen-plating Silver Bath, 2 g Ag, 100 ml



NON-PRECIOUS METAL ELECTROLYTES

127 | JE540 Acidic Copper Bath, 1 l

JE540 is a universal copper electrolyte used as a rack or barrel bath for electrolytic copper plating. Due to excellent depth dispersion and adhesive strength, the copper bath is used as pre-coppering. The copper layer is fine-grained, slightly shiny and covers well.

Ready-to-use bath

594 | JE550 Cyanide Copper Bath, 1 l

Thanks to its excellent throwing power and adhesion strength, this bath is used as an adhesive copper bath.

Ready-to-use bath

179 | JE300 Bright Nickel Bath, 1 l

The bright nickel bath JE 300 is a robust bath suitable for various applications. It can be used for both rack and barrel plating produces high-glossy nickel layers.

Ready-to-use bath

662 | JE303 Adhesive Nickel Bath, 1 l

The acidic adhesive nickel bath deposits thin, strongly adhering nickel layers.

Ready-to-use bath



SPECIAL PRODUCTS

Jentner offers a complete range of products for every step of the electroplating process. OXIPROTECT protects silver and low-carat gold from oxidation and discoloration with an invisible layer. Oxi EX removes oxide layers for clean surfaces, while the covering varnish allows selective coating protection. Our Rhodium Recycling Powder reclaims valuable rhodium, the blackening agent creates deep black finishes, and the decoction agent cleans surfaces for optimal plating. This comprehensive range ensures efficient and high-quality surface treatment.

6846 | JE703

Covering Varnish Blue, 100 g

To cover jewelry for two-tone electroplating.

56 | JE705n

Covering Varnish Red, 100 g

Fast drying covering varnish.



8325 | OXIPROTECT JE790, 1 l

Antitarnish Solution.

Ready-to-use bath

8325.250 | OXIPROTECT JE790, 250 ml

Antitarnish Solution.

Ready-to-use bath

2077 | OxiEx JE709, 1 l

Deoxidation agent.

Ready-to-use bath

2077.250 | OxiEx JE709, 250 ml

Deoxidation agent.

Ready-to-use bath



371 | JE622

Decoction Agent, 1 kg

For decocting soldered parts. JE622 eliminates the need for hazardous work with sulfuric acid. It rinses off easily and does not need to be boiled.

Bath preparation: To get 1 liter, mix 150 - 200 g JE622 with 1 liter hot demineralized water.

364 | JE600

Black Oxide, 1 l or 100 ml

JE600 produces a blue-black coloration on silver, silver alloys and copper. By pumicing or polishing/buffing a shading of any desired tint can be achieved.

Ready-to-use bath

2894 | JE632

Rhodium Recycling Powder, 1 kg

JE632 is developed for the recovery of rhodium metal out of used electroplating baths and for the recuperation of rinsing waters.



SPECIAL PRODUCTS

Special product	Product name	Form	Temperature	Exposure time	Application	Concentration	Anodes
Ultrasonic cleaner	VP 17	liquid	60 - 80 °C	60 - 180 sec.	precious metals, steel, non-ferrous metals	10 - 20 ml / l	-
	Ultra 23	solid (salt)	50 - 70 °C	60 - 180 sec.	precious metals / base metals	45 - 60 g / l	-
	Rapid	solid (salt)	60 - 80 °C	60 - 180 sec.	precious metals and steel	30 - 50 g / l	-
Electrolytic degreasing	JE610	solid (salt)	20 - 25 °C	30 - 60 sec. at 6 - 10 V	electrolytic degreasing	30 - 50 g / l	stainless steel
	JE613	solid (salt)	20 - 25 °C	60 - 120 sec. at 6 - 10 V	electrolytic degreasing	100 g / l	stainless steel
Coloring	JE600 black oxide	liquid (ready-to-use)	room temp.	10 - 60 sec.	silver and copper	-	-
Oxide remover	JE709 OxiEx	liquid (ready-to-use)	20 - 30 °C	60 - 180 sec.	oxide removal from silver and gold surfaces	-	-
Antitarnish	OXIPROTECT JE790	liquid (ready-to-use)	45 °C	5 min	creation of a protective polymer layer	-	-
	OXIPROTECT 799	liquid (ready-to-use)	50 - 55 °C	2 min at 3.5 V	creation of a protective polymer layer	-	MOX
Rhodium recycling	JE632	powder	room temp.	5 - 10 min	to recover rhodium from old solutions	-	-
Lacquers	Silver conducting laquer	liquid	room temp.	drying time	creation of an electro-platable, conducting layer	-	-
	Covering varnish blue	viscous	room temp., heat - curable	20 - 80 min	covering for selective electroplating	-	-
	Covering varnish red	viscous	room temp., heat - curable	20 - 80 min	covering for selective electroplating	-	-
Cement remover	JE622	solid (salt)	60 - 80 °C	1 - 10 min	for boiling soldered parts	150 - 200 g / l	-

GALVANIC ELECTROLYTES

Metal	Product name	Application	Precious metal content	Color	Voltage (Volt)	pH value	Temperature(°C)	Anodes
Rhodium	JE88	bright rhodium electrolyte	2 g / l	snow white	2 - 3 V	≈ 1	20 °C	plat. titan / MOX
	JE88 NDG	bright rhodium electrolyte	2 g / l	snow white	2.5 - 3.5 V	≈ 1	20 °C	plat. titan / MOX
	JE23 - 1	black rhodium electrolyte	2 g / l	anthracite - gray	2 - 3 V	≈ 1	20 °C	plat. titan / MOX
	JE28 - 1	rhodium bath for pen	2 g / 100 ml	white	10 - 11 V	≈ 1	20 °C	MOX
	JE29 - 1	black rhodium bath for pen	2 g / 100 ml	anthracite - gray	6 - 10 V	≈ 1	20 °C	MOX
Palladium	JE42 V	palladium electrolyte	2 g / l	precious metal	1.8 - 2.5 V	≈ 7	25 °C	MOX
	JE42 D	palladium electrolyte	2 g / l	precious metal	1.8 - 2.5 V	≈ 7	25 °C	MOX
Ruthenium	JE12-1	black ruth. electrolyte	5 g / l	anthracite - gray	1.5 - 2.5 V	≈ 1.4	65 °C	plat. titan / MOX
Platinum	JE18	platinum electrolyte	2 g / l	precious metal	2 V	< 1	30 °C	plat. titan / MOX
Gold	JE100	flash gold electrolyte	1 g / l	fine gold	6 V	≈ 10.5	60 °C	stainless steel
	JE110	flash gold electrolyte	1 g / l	N1 / 14 kt	6 V	≈ 10.5	60 °C	stainless steel
	JE210	flash gold electrolyte	1 g / l	N2 / 18 kt	6 V	≈ 10.5	60 °C	stainless steel
	JE310	flash gold electrolyte	1 g / l	N4 / rose	6 V	≈ 10.5	60 °C	stainless steel
	JE340	flash gold electrolyte	1 g / l	N5 / red	6 V	≈ 10.5	60 °C	stainless steel
	JE400	flash gold electrolyte	1 g / l	fine gold	3 V	≈ 11.5	20 °C	stainless steel
	JE411	flash gold electrolyte	1 g / l	N1 / 14 kt	3 V	≈ 11.5	20 °C	stainless steel
	JE421	flash gold electrolyte	1 g / l	N2 / 18 kt	3 V	≈ 11.5	20 °C	stainless steel
	JE431	flash gold electrolyte	1 g / l	N4 / rose	3 V	≈ 11.5	20 °C	stainless steel
	JE434	flash gold electrolyte	1 g / l	N5 / red	3 V	≈ 11.5	20 °C	stainless steel
	JE250	micron gold plating bath	3 - 12 g / l	23.5 kt	2.5 - 4 V	≈ 4	20 °C	plat. titan
	JE252	micron gold plating bath	4 g / l	≈ 14 kt	2 - 3.5 V	≈ 4	20 °C	plat. titan
	JE253	micron gold plating bath	3 g / l	≈ 18 kt	2 - 3 V	≈ 2.8	20 °C	plat. titan
	JE224	micron gold plating bath	4 g / l	red	1.4 - 1.8 V	≈ 7.5	60 °C	plat. titan / MOX
	JE285	pre-gold electrolyte	3 g / l	23.5 kt	2 - 3 V	< 1	20 °C	MOX
	JE287	pre-gold electrolyte	3 g / l	≈ 14 kt	2 - 3.5 V	< 1	20 °C	MOX
	JE270 - 1	gold bath for pen	1 g or 2 g	N1 / 14 kt	6 - 8 V	5 - 6	20 °C	MOX
	JE270 - 2	gold bath for pen	1 g or 2 g	N2 / 18 kt	6 - 8 V	5 - 6	20 °C	MOX
	JE270 - 3	gold bath for pen	1 g or 2 g	N4 / rosé	6 - 8 V	5 - 6	20 °C	MOX
Silver	JE36	fine silver electrolyte	36 g / l	-	0.5 - 1.2 V	12 - 13	20 °C	silver
	JE37	matt silver electrolyte	36 g / l	-	0.5 - 1.2 V	12 - 13	20 °C	silver
	JE39	silver bath for pen	2 g / 100 ml	white	5 - 6 V	12 - 13	20 °C	MOX
	JE60	fine silver electrolyte	31 g / l	-	1.5 - 1.6 V	10	20 °C	silver
	JE300	bright nickel bath	-	-	1.5 - 3 V	3.8 - 4.2	60 °C	nickel
Nickel	JE303	pre-nickel bath	-	-	3 - 6 V	≈ 1	20 °C	nickel
	JE305	matt nickel bath	-	-	2 - 4 V	≈ 1	60 °C	nickel
Copper	JE550	copper bath, cyanide	-	-	0.5 - 3 V	12	50 °C	copper
	JE540	copper bath, acidic	-	-	1.6 - 3 V	< 1	20 °C	copper



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