

Gold/Silver Potassium Cyanide Making Machine | 12V / 10A

# Precious Metal Jewelry Electroplating Equipment

Plating, recovery and cleaning in one enclosed cabinet instead of an open beaker.



A 1380 x 750 x 1650 mm PP plating station with a 12 V / 10 A rectifier, platinum anode net, timed cycle, heating and temperature control, circulating filtration, powered left-right swing with speed control, a fume hood and a waste liquid recovery tank.

## The problem it is built for

Traditional precious metal plating is done over a beaker. The solution splashes, it is toxic, the operator stands in it for a shift, and the gold left in the bath is effectively unrecoverable. Every one of those four complaints is answered by a specific device on this machine.

## Published specification

| Parameter           | Value                                              |
|---------------------|----------------------------------------------------|
| Product name        | Custom electroplating equipment production machine |
| Brand               | XHF                                                |
| Function            | Electroplating jewelry                             |
| Rectifier           | 12 V / 10 A                                        |
| Anode               | Platinum anode net                                 |
| Size                | 1380 x 750 x 1650 mm                               |
| Weight              | 200 kg                                             |
| Voltage             | 220 V / 380 V                                      |
| Heating system      | 3 kW                                               |
| Power               | 120 W                                              |
| Production material | Industrial PP plate                                |
| Core components     | Rectifier, anode and cathode                       |
| MOQ                 | 1 set                                              |
| Warranty            | 1 year                                             |

# Precious Metal Jewelry Electroplating Equipment - features and applications

## What is built into it

| Feature                                     | What it does                                                                                                                                                                       |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Timed plating for repeatable thickness      | An automatic time control device sets the plating time exactly, which is what fixes the thickness and the colour of the plated part instead of leaving it to the operator's clock. |
| Plating, recycling and cleaning in one body | Three operations that normally need three stations. The stated reason is that plated parts otherwise cannot be reached for cleaning after the cycle.                               |
| Fume hood over the bath                     | A suction hood pulls the cyanide waste gas generated during plating, and the structure is designed so the plating solution does not spill in the first place.                      |
| Waste liquid recovery tank                  | Built in specifically to reduce the precious metal left behind in the plating solution, which in the traditional method is simply lost.                                            |
| Swing device with speed control             | Powered left and right swing plus a manual swing device, so agitation can be matched to the piece rather than fixed.                                                               |

## Where it is used

- Gold, platinum, silver, rhodium and palladium plating of jewelry
- Jewelry factories, laboratories and electroplating workshops
- Colour and thickness work where the finish has to match across a batch
- Complete plating lines, which the company also designs and manufactures

## Questions buyers ask

### Which metals can it plate?

All kinds of precious metal jewelry, with gold, platinum, silver, rhodium and palladium named specifically.

### What is the rectifier rating?

12 V / 10 A, with a platinum anode net, on a 220 V or 380 V supply. Heating is 3 kW.

### Can you supply a whole plating line?

Yes. The company states it provides design and manufacture of the entire production line of the plating line, not only the single station.

### What stops the solution splashing?

The device structure was redesigned specifically against the spillage problem of open beaker plating, and a suction hood removes the cyanide waste gas generated during the process.

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