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## ***INTRODUCTION***

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**Oromac is a machine brand which magnifies the Gems and Jewellery products.**

**Our machine is developed with 3 mantras: Innovation, Technology & Excellence, which provides an elegant output to the final product, We deal in all kinds of machines like plating plants and consumable products like plating chemicals and anti-tarnish.**

**We have global connection and ties with the international companies for importing machines and chemical related products from several countries. We provide the best quality deals as per the client's requirement**

## DEGREASING MACHINE



### Features

- Degreasing bath with rinsing tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- EVCO Temperature controller with glass heater

### TECHNICAL SPECIFICATION

Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min



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## **DEGREASING POWDER**

- Degreasing powder is commonly referred to as electro-cleaner which is used to activate the surface of metallic substrates prior to electropolishing that helps with both surface cleaning and preparation.

### **HOW TO OPERATE**

- 900 ml DM Water
- Time: 1 Min
- 100 Gm Degreasing Powder
- SS - 316 Anode
- Set: 6 volts
- No Heating Required

### **BENEFITS**

- Degreasing powder give the metal surface perfect cleaning from the polluting agent
- It's human and environment friendly
- it has a safe and simple cleaning process
- it's cost effective and user friendly
- it's made from non-polluting materials
- it does not cause any damage to stones
- Easy to maintain



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## ANTI-TARNISH MACHINE



### Features

- Anti-Tarnish Bath with Hot Water & Normal Water Rinsing Tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- Magnetic pump for bath circulation
- EVCO Temperature controller with glass heater

### TECHNICAL SPECIFICATION

Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min



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## ANTI-TARNISH

- Available in Ready To Use / Concentrate 1:5 / Concentrate 1:100
- Anti-Tarnish is an electrolytic solution which is suitable for all kinds of Jewellery metals like brass, silver, gold, etc.
- It also has the ability to enhance the jewellery shining.

### BENEFITS

- Protects Jewellery From Oxidation
- Protects Jewellery From Scratches
- Protects Jewellery From Finger Prints
- Passes XRF Testing & Hallmarking
- No side Effects
- Sticks on metals only
- Does not sticks on diamonds
- Works like a magnifier glass
- Enhance 5% Jewellery Shine



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## OROWHITE MACHINE



### Features

- Orowhite Bath with Hot Water & Normal Water Rinsing Tank
- CVCC Indian Rectifier 12v/50AMP
- Digital Display for voltage & current
- Magnetic pump for bath circulation
- EVCO Temperature controller with glass heater

TECHNICAL SPECIFICATION	
Capacity	15Ltr.
Dimension	Customised
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC Rectifier
Controller	Digital
Timer	Digital Display with Second / Min



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## OROWHITE FOR STERLING SILVER & BRASS

- Orowhite solution is a substitute / replacement of nickel plating. (Nickel & Lead Free Plating)
- Technically this solution can be used as an undercoat for sterling Silver & Brass

### HOW TO OPERATE

- Ready to use solution
- SS - 316 Anode
- Set: 3-4 Volts
- Time: 1-3 Min
- Temperature: 60-70° C

### BENEFITS

- Used for brass and silver jewellery
- White in Color
- Lead and Nickel Free Solution
- Barrier Of Copper
- High deposition speed
- Copper / Tin / Zinc, alloy
- Longer Life
- Easy to maintain



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## ULTRASONIC MACHINE

Easy  
customization  
on requirement



TECHNICAL SPECIFICATION	
Controller Panel	Seprate.
Tank Size	14 x 11 x 7 inch
Body	SS 304
Heater	500V
Crystal Frequency	32 khz
Input Voltage	230v 1ph
Controller	Digital timer and temp
Vibration	Normal and sweep controller



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## DETERGENT FOR ULTRA

- Ultra cleaning detergent has to be added to the ultra sonic machine to clean the jewellery
- It is a detergent especially designed for the use in the processing of noble metals. (eg: gold, silver, platinum and so on)
- Ultra cleaning detergent is a concentrated formula and an emulsifying cleaner.
- Ultra cleaning detergent can also be used for Magnetic Polisher Machine as well.

### HOW TO OPERATE

- 10 Gm detergent into 1ltr capatcity
- Temperature: 50°C to 60°C
- Time: 3min - 5min  
(As per the ornaments)

Also Available In  
**20KG**

### BENEFITS

- Low dosage and low cost in use
- Human and enviromental friendly
- Made from non polluting materials
- No damage is caused on stones
- Useful for gems stones also



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## MAGNETIC POLISHER

- Magnetic polisher is a machine suitable for cleaning of metal during the production of jewellery.



Also Available In  
2KG & 5KG

### FEATURES

- 1Kg and 2Kg Capacity with digital display
- Reverse / Forward rotation
- Digital Time Controller

MODEL	MAGNETIC POLISHER 1 KG - 2KG
Pin Capacity	350 gms
Bowl Size	10"
Motor	AC Motor 1.0 hp
Speed	Variable 1440 RPM
Input Voltage	230V Ac 1ph
Timer	Digital (forward/reverse)
Safety	Automatic
Dimensions	13.5" X 13.5' X 16.5"



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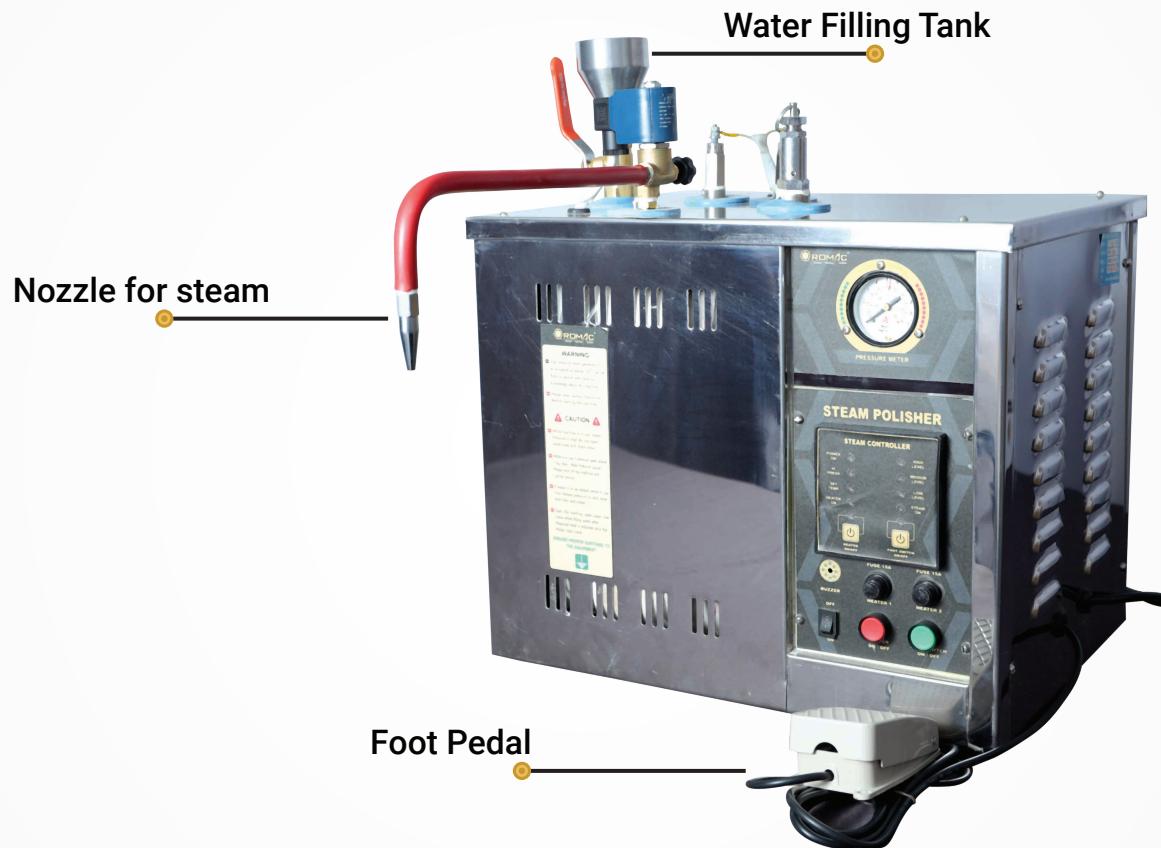


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## STEAM MACHINE



### FEATURES

- High Pressure Steam
- Foot Switch For Steam Pressure
- Automatic Safety Valve
- Automatic Pressure Cut-Off Indicator.
- Rust Free SS Tank
- Water Out Put Valve For Tank Cleanning
- Water Level Indicator

Also Available In  
9Ltr - 12Ltr - 15 Ltr  
18 Ltr (Fully Automatic)  
20 Ltr



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## 2Ltr INDIAN PLATING PLANT



### FEATURES

- Digital display for voltage and current
- Rectifier power 12V /50 AMP. CV/CC
- Degreasing bath | Gold bath | Anti-Tarnish bath with rinsing tank
- EVCO temperature controller with glass heater

## 5Ltr IMPORTED PLATING PLANT



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## 10Ltr INDIAN PLATING PLANT



### FEATURES

- Digital display for voltage and current
- Rectifier power 12V /50 AME . CV/CC
- Degreasing bath | Gold bath | Anti-Tarnish bath with rinsing tank
- EVCO temperature controller with glass heater

## CHANNEL PLATING PLANT & CUSTOMISATION



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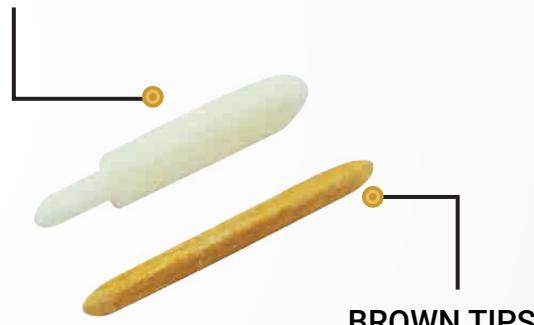
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## PEN PLATING RECTIFIER



TECHNICAL SPECIFICATION	
Dimension	10.5 X 9 X 4
Input Voltage	230V / 50Hz
Output Voltage	16V / 5AMP
Type	CV/CC
Controller	Digital

WHITE DOUBLE SIDE TIPS



BROWN TIPS

## RECTIFIER

TECHNICAL SPECIFICATION	
Dimension	(L) 400 X (W) 300 X (H) 180mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 0-25 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Timer & Totaliser	



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## RECTIFIER



TECHNICAL SPECIFICATION	
Dimension	(L) 400 X (W) 300 X (H) 180mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Timer & Totaliser	

- Application-For MICRON gold plating.
- It is used in plating industries for precious metal plating like Gold, Silver & Rhodium etc. where precise control of thickness is required

TECHNICAL SPECIFICATION	
Dimension	(L) 500 X (W) 300 X (H) 200mm
Input Voltage	230 V / 50-60 Hz
Output Voltage	0-12 V / 50 AMP
Type	CV/CC
Controller	Digital
Timer	Digital Display with Second / Min
Ampere Minute With Timer & Totaliser	



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## GOLD FLASH BATH

- Gold plating is an electrolyte intended for bath and pen plating that has various colors for gold like yellow 12kt, 14kt, 18kt, 24kt, also Rose gold plating which deposits a uniform shiny layer.
- Gold plating is intended for decorative use, therefore has been designed for flash plating
- Despite being a traditional cyanide based alkaline chemicals, this solution is nickel, lead and cadmium free.

### BENEFITS

- Excellent performance
- Reliable and constant result
- Super bright color to satisfy most of the requirements of goldsmiths & silversmiths



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## **GOLD MICRON BATH MAKEUP**

- Gold Micron Bath Makeup is a ready to use bath used for micron deposition. It can also be used as an excellent pre-coat before 14kt, 18kt, 24kt, pink flash plating to get colour consistency and desired shine and corrosion resistance surface.

### **BENEFITS**

- Developed for jewellery and costume jewellery processes
- Excellent brightness and shine
- Cadmium free
- Easy to operate and control
- Consistent and even coloured surface



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## OROBLASTER MACHINE

- The oroblastor machine is design to create special fine surface on Gold / Silver / Brass also can perform on platinum jewellery fine glass beads blasted with water gives the fine satin frosted finish on jewellery surface

### TECHNICAL SPECIFICATION

- Heated tank for blasting media
- Foot operated switch.
- Easy filling of blasting media by mounted funnel.
- Sturdy handpiece with exchangeable nozzle on request.
- Water pressure tank with pressure regulator.
- Cabinet for operation with internal light source



ORO BLASTER

- Made of Polypropylene.
- Inbuilt light.
- Safety hand gloves.
- Drainage system.
- Handpiece fitting clips.



WATER PRESSURE TANK

- Rust-free SS tank.
- Pressure regulator.
- Locking knobs.
- Air release valve.
- Transparent acrylic plate.



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## SANDBLASTING MEDIA

### BENEFITS

- Sandblasting media is based on extra fine glass beads.
- It's used for matt finishing on the metal surface
- Sandblasting media is used with the help of dull finishing machine on the pressure of 3.5 bar to 7 bar.
- Glass bead impacting produces a spotless splendid silk complete, without any dimensional difference in the product
- Glass beads can be reused multiple times.



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## HAND WASH DOUBLE STATION

- Handwash Stand consists of a submersible 1HP pump, filtering units using thread type filter cartridge multiple settling tanks inside the handwash stand itself. A great amount of precious metal loss is saved here



### Features

- Made of polypropylene
- Complete with pump & filter cartridge
- Foot pedaled operated tap
- Automatic operated pump & pressure gauge

### TECHNICAL SPECIFICATION

- Input Voltage 220 V / 50-60 HZ
- No Of Taps - 2
- Filter Cartridge - 25 Micron X 1Nos +10 Micron X 1Nos
- Dimensions 44 X 20 X 56



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## DM WATER PLANT MACHINE



### Features

- Inbuilt Conductivity
- Meter with Sensor.
- Inbuilt Water Tank and water level sensor.
- Digital Display.
- Pump operating water level switch.
- Inbuilt pressure gauge.



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## UV ENAMELLING SETUP



### Features

- Composite material with ceramic reinforcement
- Biocompatible and patented
- Quick and easy to process, grind and polish.
- Adhesion-, scratch-, shock- and wear-resistant.
- Can be sterilised. Meets medico-technical requirements.
- Color-fast and UV-stable.
- Finished workpieces can be galvanised

### COLOR CHART

#### UV TRANSPARENT



#### UV OPAQUE



#### UV MOTHER OF PEARL



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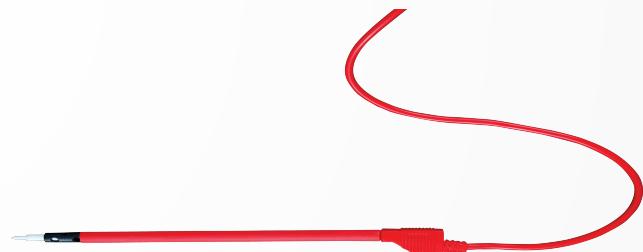
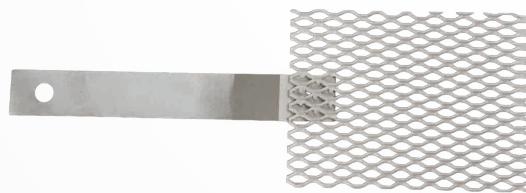
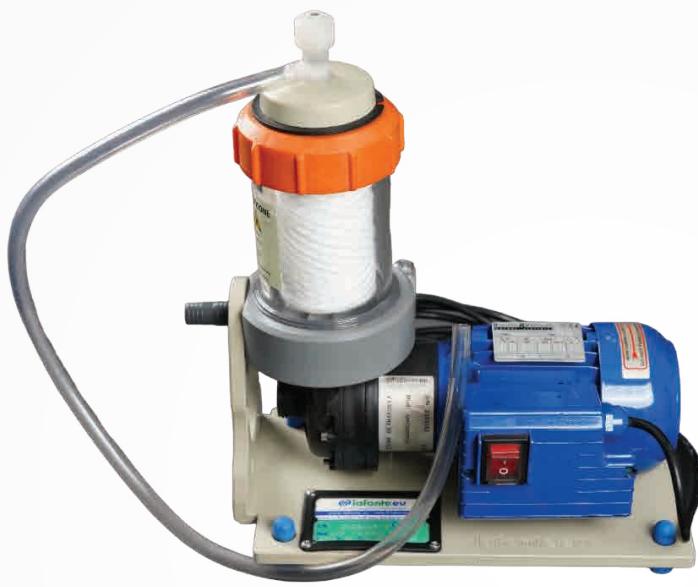


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## FILTER PUMPS & ANODES



### Features

- Outlet located on filter chamber base.
- Vent valve.
- Fast-locking by PP Ring.
- Switch, cable and plug included with pump motor.glass heater
- Available models in Manual and Automatic working
- Automatic model consist of float sensor to regulate flow automatically

### Advantages

- Power saving motor.
- Compact unit.
- Replaceable thread cartridge.
- Cartridge tightening independent from cylinder length.



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## OROMAC VISION & MISSION

### Our Vision

Our vision is to be recognized as a supplier of superior products and services all over the world by understanding our customer's needs. We aim to provide the best quality technology products that exceeds expectations.

### Our Mission

The word 'ORO' means Gold and 'MAC' means Machine - our company's name suggests, our ultimate mission is to be a predominant global player in the field of chemicals and machinery for the industry

## OUR CORE TEAM MEMBER

### Accounts Support

 +91 72085 67207  info@oromac.in

### Marketing Manager

 +91 93210 01567

### Technical Support

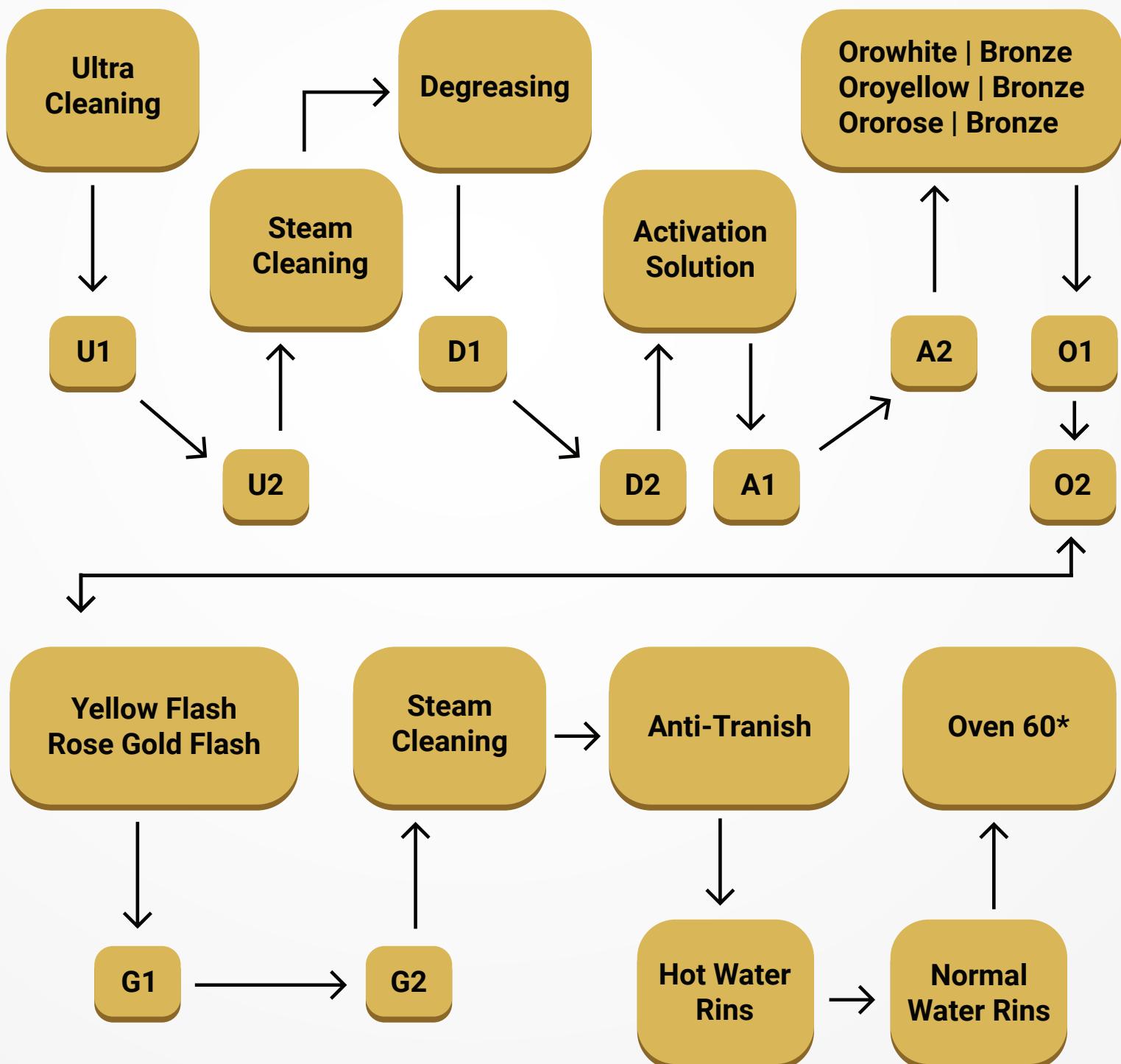
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### Galvanic Support

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## PLATING OPERATING INSTRUCTION



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# Thank You .....

## Register office

Arti Aavishkar CHSL, C201, Near Gaurav Garden, Kandivali W Mumbai - 400 067

## Branch office

28/54, tatyaghar pure marg, Girgoan, mumbai - 400004

## Branch office

Unit no. 110, Shree Krishna industrial estate, ketki pada, Western Express Highway, near mahanagar gas, Dahisar East mumbai - 400068

## Branch office

Unit no. 426, sagar industrial estate, ketki pada, Western Express Highway, near mahanagar gas, Dahisar East, mumbai - 400068



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