

BENCH TOP ELECTROPLATING EQUIPMENT

For plating Gold, Rhodium, Silver & other metals

MICROPLATE

The perfect machine for small scale production, R&D and repairs

- ☞ Completely integrated unit
- ☞ Automatic heating, adjustable 20 -80°C
- ☞ 0 - 10 volt, 10 amp power supply
- ☞ 1 litre polypropylene process tanks
- ☞ Platinised and Stainless steel anodes
- ☞ Corrosion resistant case and lids
- ☞ Supplied with full instructions



Size: 48 wide x 25 high x 35 cms deep.
110 and 220/240 volt models 7.5 amperes.
Nett weight 8 Kg. Model No 3001D

Options: MICROAGITATOR No 1385D, for thicker deposits that take several minutes process time, fitted with rotating cathode connection and digital ammeter for accurate micron thickness plating.

Pen plating kit, No 3021D for selective plating, plugs into MICROPLATE dc outlets.

GRS range

For the larger producer with high throughputs

- ☞ Completely integrated unit
- ☞ Automatic heating, adjustable 20 -80°C
- ☞ 0 - 10 volt power supply, heavy duty rated
- ☞ 2 or 5 litre polypropylene process tanks
- ☞ Platinised and Stainless steel anodes
- ☞ Corrosion resistant case and lids
- ☞ Integral rinse tanks fitted
- ☞ Automatic heating, adjustable 20-80°C
- ☞ Fitted with horizontal cathode agitation
- ☞ Supplied with full instructions



OPTIONS

Standard GRS units have analogue meters, we can also supply four segment digital meters for very accurate current control. Amp time meters to control the metal deposited are available.

SPECIFICATIONS

2 tank 2 litre model: Size 68 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 7.5 amperes. Nett 12 Kg. Number 2488D-2
3 tank 2 litre model: Size 90 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 13 amperes. Nett 14 Kg. Number 2488D
4 tank 2 litre model: Size 120 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 13 amperes. Nett 16 Kg. Number 2489D
2 tank 5 litre model: Size 90 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 7.5 amperes. Nett 13 Kg. Number 2466D-2
3 tank 5 litre model: Size 120 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 7.5 amperes. Nett 15 Kg. Number 2466D
4 tank 5 litre model: Size 150 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 13 amperes. Nett 15 Kg. Number 2464D



Engineering Limited

Registered office: Unit Z Hamstead Industrial Estate, Austin Way,
Great Barr, Birmingham B42 1DU

Reg. No: 1414313 VAT No: 294 5870 13

Tel: 44 (0)121 358 1456 Fax: 44 (0)121 357 4159

Email: info@balco.co.uk Website: www.balco.co.uk

Manufacturing processing equipment since 1969



DS 27

ELECTROPLATING EQUIPMENT

For plating Gold, Rhodium, Silver, Nickel, Copper & other metals

MICROPLATE

*The perfect machine for
small scale electroplating
for production, research
and repairs*



- ☞ Completely integrated unit, no external connections.
- ☞ Quick automatic heating, adjustable 20 - 80°C.
- ☞ 0 - 10 volt, 10 amp power supply, fully variable.
- ☞ 1 litre polypropylene process tanks with individual lids.
- ☞ Platinum coated Titanium anode and two Stainless steel anodes provided.
- ☞ Corrosion and impact resistant case and lids for long life.
- ☞ Supplied with full instructions on Gold, Silver and Rhodium plating.
- ☞ Over 4000 machines made over 35 years, most are still in operation.
- ☞ Available in 110, 220 and 240 volts a.c. supply..
- ☞ Low shipping cost, packed weight only 10 Kgs.
- ☞ Plating pen can be connected to the MICROPLATE.
- ☞ Needs only chemicals to be operational - nothing else to buy.

MICROPLATE Model No 3001D

Size: 48 wide x 25 high x 35 cms deep.

Bath sizes: 12.5 cms diameter x 13 cms deep, liquid depth 11 cm .

110 and 220/240 volt models 7.5 amperes. Nett weight 8 Kg.

OPTIONS:

MICROAGITATOR No 1385D, for thick gold plating, fitted with rotating cathode connection and digital ammeter for accurate micron thickness plating.

PEN PLATING KIT, No 3021D for selective plating, plugs into MICROPLATE dc outlets.

Add a tank kit for Silver plating No 3000G

Rinse tanks for water, No 3000H



Made in Britain



Engineering Limited

Registered office: Unit Z Hamstead Industrial Estate, Austin Way,
Great Barr, Birmingham B42 1DU

Reg. No: 1414313 VAT No: 294 5870 13

Tel: 44 (0)121 358 1456 Fax: 44 (0)121 357 4159

Email: info@balco.co.uk Website: www.balco.co.uk

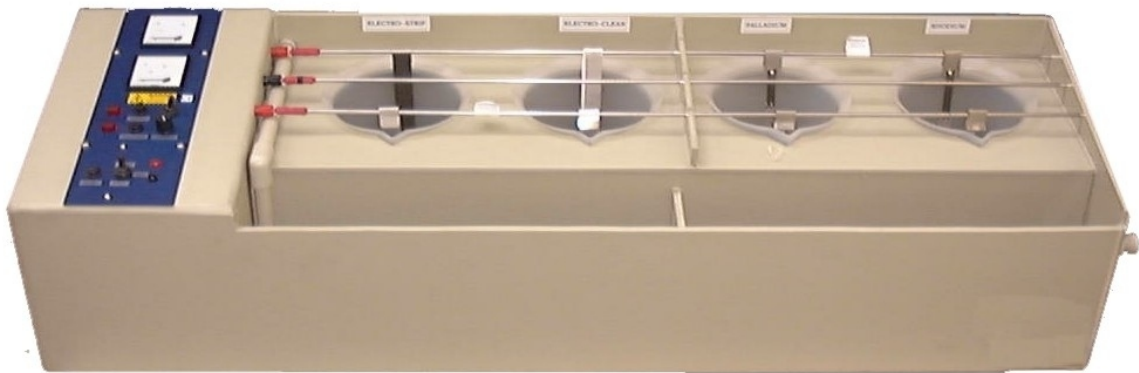
Manufacturing processing equipment since 1969



DS 27

ELECTROPLATING EQUIPMENT

For plating Gold, Rhodium, Silver, Nickel, Copper & other metals



GRS RANGE

Compact, self contained and easy to install
2, 3 and 4 tank models (illustrated)

- ☞ Completely integrated unit.
- ☞ Automatic heating, adjustable 20 - 80°C.
- ☞ 0 - 10 volt, 20 amp power supply, heavy duty rated.
- ☞ 2 and 5 litre polypropylene process tanks.
- ☞ Platinised Titanium and Stainless steel anodes.
- ☞ Corrosion resistant case and lids.
- ☞ Integral rinse tanks fitted.
- ☞ Fitted with horizontal cathode rod movement.
- ☞ Supplied with full instructions.

SPECIFICATIONS

2 tank 2 litre model:	Size	68 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 7.5 amperes. Nett weight 12 Kg. Number 2488D-2
3 tank 2 litre model:	Size	90 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 13 amperes. Nett weight 14 Kg. Number 2488D
4 tank 2 litre model:	Size	120 wide x 30 high x 42 cms deep. 110 and 220/240 volt models 13 amperes. Nett weight 16 Kg. Number 2489D
2 tank 5 litre model:	Size	90 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 7.5 amperes. Nett weight 13 Kg. Number 2466D-2
3 tank 5 litre model:	Size	110 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 13 amperes. Nett weight 15 Kg. Number 2466D
4 tank 5 litre model:	Size	150 wide x 40 high x 52 cms deep. 110 and 220/240 volt models 13 amperes. Nett weight 15 Kg. Number 2464D



Engineering Limited

Registered office: Unit Z Hamstead Industrial Estate, Austin Way,
Great Barr, Birmingham B42 1DU

Reg. No: 1414313 VAT No: 294 5870 13

Tel: 44 (0)121 358 1456 Fax: 44 (0)121 357 4159

Email: info@balco.co.uk Website: www.balco.co.uk

Manufacturing processing equipment since 1969



DS 27

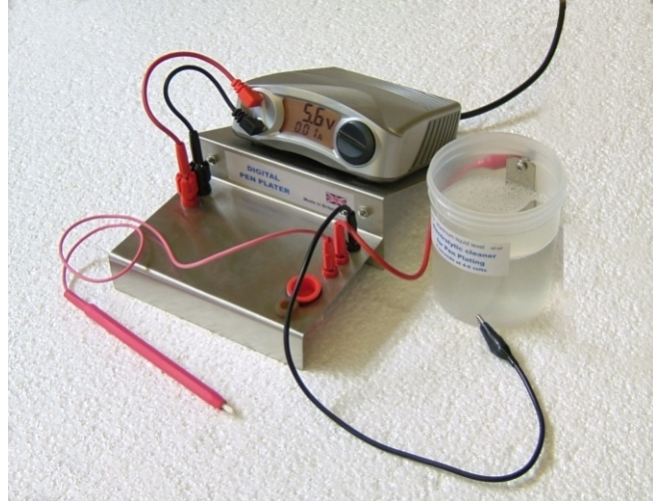
PEN PLATING SYSTEMS

For the selective electroplating of Rhodium,
Gold, Silver and other metals

THE "PEN PLATER"

Complete with power supply,
electrolytic cleaning tank,
stainless steel anode and solution
holders.
Digital meter with fully variable
supply.

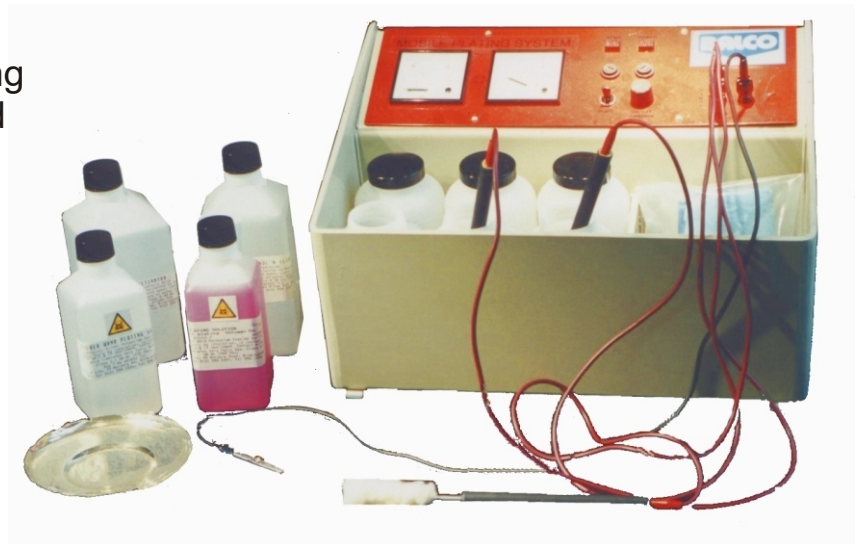
EXCELLENT for
RESTORATION WORK



THE "WAND PLATER"

For larger surface areas including
silverware, bathroom fittings and
automobile chromed areas.
Complete with power supply
and 3 wands.

EXCELLENT for
RESTORATION WORK



Made in Britain

Solutions available including white and black Rhodium,
9, 18, 22 & 24K and Rose Gold, Silver, and many others
All models come with full operating instructions



Registered office: Unit Z Hamstead Industrial Estate, Austin Way,
Great Barr, Birmingham B42 1DU
Reg. No: 1414313 VAT No: 294 5870 13
Tel: 44 (0)121 358 1456 Fax: 44 (0)121 357 4159
Email: info@balco.co.uk Website: www.balco.co.uk
Manufacturing processing equipment since 1969



DS 27

TARNISH PREVENTION SYSTEM for SILVER and SILVER PLATE



- * WINDOW DISPLAYS ALWAYS LOOK PERFECT
- * STOCK ITEMS KEPT IN FIRST CLASS CONDITION
- * NO MORE TEDIOUS AND EXPENSIVE STOCK CLEANING
- * LOW COST SIMPLE PROCESS. NO SPECIAL SKILLS REQUIRED
- * INVISIBLE, RETAINS ORIGINAL FINISH OF THE ITEM



The **SILVERBRITE SYSTEM** process module is a range of bench top units of 1, 5 or 10 litres capacity that connect to a normal domestic type electrical supply to generate low voltage DC power. The power generated is supplied to 2 unheated process baths that clean and protect the Silver surface in two easy stages. The fitted stainless steel electrodes cause an invisible film to build up on the surface of the silver or silver plate items rendering the top of the metal impervious to the damaging oxidation gases that are present in the air and the packaging used for display.

The **SILVERBRITE SYSTEM** is simple to use but very effective in its results, no special training is needed.

Process time is 90 seconds for 12 months display or stock protection.

This system is a miniaturisation of the industrial methods used by large manufactures and should not be confused with ineffectual immersion or spray methods.

Models available

1 litre model No 3000D, suitable for small items e.g. rings, cuff links, brooches

Size: 245 x 310 x 235 (Length x Width x Height) Weight: 6 Kg

5 litre model No 3000E, suitable for items e.g. rings, cuff links, brooches, necklaces & bracelets,

Size: 355 x 310 x 335 (Length x Width x Height) Weight: 10 Kgs

10 litre model No 3000F, suitable for large output of all items.

Size: 455 x 360 x 385 (Length x Width x Height) Weight: 16 Kgs



Engineering Limited

Registered office: Unit Z Hamstead Industrial Estate, Austin Way,
Great Barr, Birmingham B42 1DU

Reg. No: 1414313 VAT No: 294 5870 13

Tel: 44 (0)121 358 1456 Fax: 44 (0)121 357 4159

Email: info@balco.co.uk Website: www.balco.co.uk

Manufacturing processing equipment since 1969



DS 27