



# Latest Thermochemical Weld Cleaning, Polishing, Passivating & Etching Systems



Before After  
Thermochemical Cleaning



Before After  
Thermochemical Weld Polishing

## The Systems

Our thermochemical weld cleaning systems are based on the Elysier process by which the discolouration is removed by electrolysis and the effect of a phosphoric acid electrolyte.



Brush wand for Surfox models



Brush wand for Isojet models

Carbon brush for weld cleaning, polishing and passivating difficult to reach areas.



Tungsten head for Surfox models

Tungsten and/or stainless steel pads covered in special fabric for fast weld cleaning, polishing and passivating easily accessible areas



Optional marking and etching kits available for all Surfox models

## The Cleaners - Top of the range models



### Model SURFOX 204

- Available in 230V or 110V
- Cleaning, polishing, etching
- Brush and pad heads
- Adjustable current
- Automatic or manual fluid pump
- Built in fume extraction

### Model SURFOX 104

- Available in 230V or 110V
- Cleaning, polishing, etching
- Brush and pad heads
- Adjustable current
- Automatic or manual fluid pump

All Surfox models are Certified by: CE, NSF, ASTM-A967 and ASTM-A380

CE = Conformity marking for products in the EEC  
NSF = covers standards for food, water & consumer goods  
ASTM-A967 = covers passivation of stainless steel  
ASTM-A380 = covers cleaning, descaling and passivation

### Model SURFOX MINI

- Available in 230V or 110V
- Cleaning, polishing, etching
- Brush and pad heads
- Adjustable current
- Manual fluid dispenser



## The Cleaners - Budget Models - Ideal for jobbing shop



### Model ISOJET 4 Kit

- 110V or 230V
- Carbon Brush Head only
- Preset Current

*Certified by: CE*

CE = Conformity marking for products in the EEC



### Model ISOJET 3 Kit

- 230V only
- Stainless Steel & Glass Fibre Pad only
- Preset Current

*Certified by: CE* CE = Conformity marking for products in the EEC

## The Optional Extras - for Surfox models



### Carbon Brush Kit

For cleaning intricate areas



### Marking Kit

For marking and etching



### Stainless Steel Kit

For identifying stainless steel grades



### Passivation Kit

To ensure proper passivation

## The Consumables



### Surfox H

Cleaning Fluid

### Surfox N

Neutralizing Fluid

### Surfox T

Heavy Duty Fluid

### Isol N

Cleaning Fluid

### MCT 800

Stainless Steel Protection Spray

Other fluids for cleaning and protecting available - ask for details

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