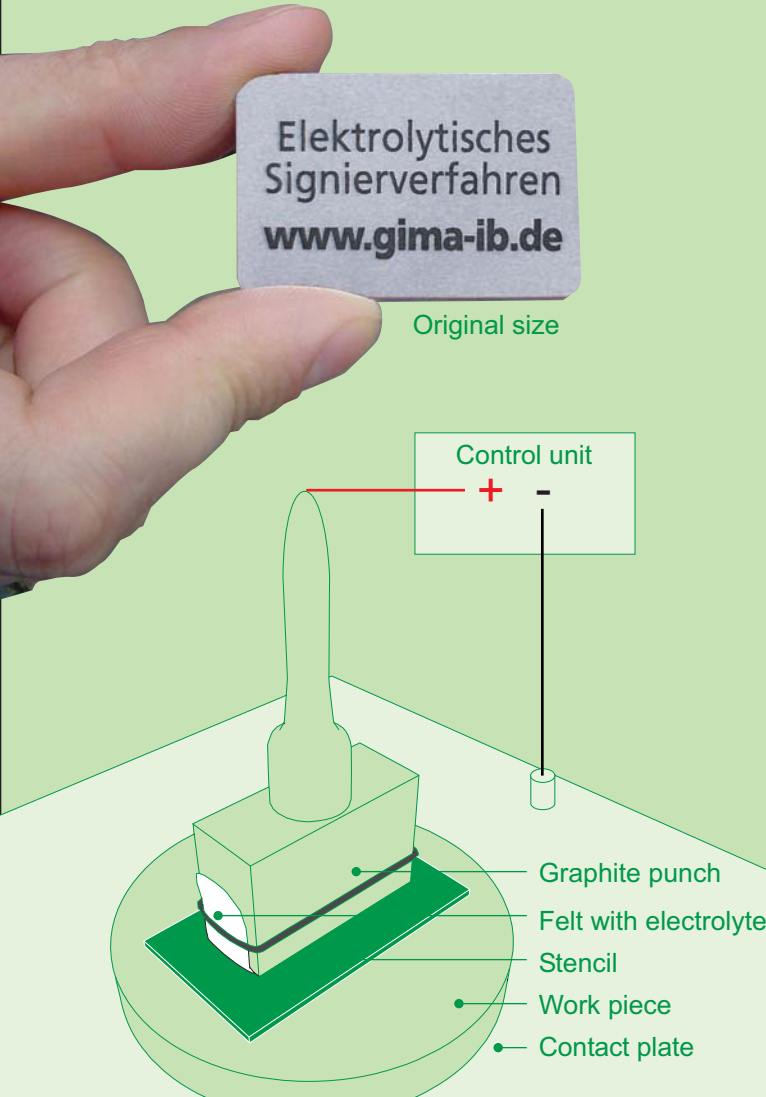


# How to use

## Long-lasting marking of metal parts without deforming the material

The interaction of electricity and an electrolyte specified for this material creates the shape of the stencil on an electrically conducting work piece. This electro-chemical process is also suitable for even and round metal parts. The marking will turn out black on untreated metal and white on browned metal.



# Usage - it's so simple:



## 1 Stencil

Create a short-term stencil with the stencil printer or order a long-term stencil from GIMA.



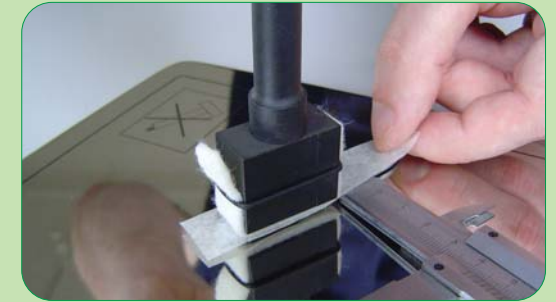
## 2 Elektrolyte

Saturate the felt punch with the electrolyte liquid. GIMA supplies the appropriate electrolyte for all types of conducting metals.



## 3 Adjusting the control unit

Adjust the desired current strength (8-12 Volts) and time at the control unit.



## 4 Signing

Place the work piece on the contact plate. Then position the stencil on the work piece. Carefully press the punch onto the stencil.



## 5 Fixing

To fix your signature, dab off the marking with a cloth saturated with Neutralix.



## 6 Result

Long-lasting, high quality marking without deformation of the material

## Product range

### Control units

According to the respective device with digital voltage regulator/timer, an integrated worktop, reset, handle and retractable bases.

### Contact plates

Worktops with socket made of stainless steel material with connecting socket for control units.

### Graphite punch and signing felt

Hand punches of different sizes and finishes, special felt ribbons for acid treatment

### Electrolytes

For all conducting metals, such as tool steel, carbide metals, chrome, aluminum, titanium, brass, nickel, etc.

### Stencil printers and stencil ribbons

Label printer to create stencils for numbers, letters and additional characters. Cartridges in widths of 18 mm and 24 mm

### Long-term stencils

GIMA will supply stencils for serial production. Logos, additional characters or scales of all sizes

more on [www.gima-ib.de](http://www.gima-ib.de)

## Your benefits

### ✓ Small size

The control unit GIMAGRAPH 1 is only 220x110x75 mm.

### ✓ High performance

The control units Gimagraph 2-4 can be adjusted within the range of 12 to 24 V. Huge assortment of electrolytes for steel, high-grade steel, high-alloyed steel, carbide metal, browned parts, brass, etc. available. Mark up to 5,000 times with our long-term stencils.

### ✓ Easy to use

Save time through the very simple usage with the stencil printer and mark your own texts and product numbers.

### ✓ Flexible equipment

Ideal for small production runs. We also offer special equipment for large scale production.

# Electrolytic marking

✓ Long-lasting marking

✓ High quality marking

✓ Easy to handle

✓ For all conducting metals

✓ For small and medium-sized runs



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THAT'S MARKING