Electrochemical Weld Cleaning System for Stainless Steel

The SURFOX electrochemical weld cleaning system is a highly effective method of removing heat tint in the heat affected zone of welded stainless steel (TIG, spot, and pulsed MIG), without altering the surface of the parent material. SURFOX also promotes the formation of a uniform and durable chromium oxide passive layer to protect stainless steel against further corrosion.

SURFOX is safer, faster, and a more cost effective alternative to very hazardous pickling pastes and abrasive weld cleaning processes like wire brushing and grinding.

SAFE  SURFOX cleaning electrolytes are NSF registered to be used in food plants and pose no health hazards to operators.

FAST  Uniform cleaning and passivation at a rate of 3 to 5 feet per minute.

EASY TO USE  The integrated reservoir and dispensing pump automatically delivers the cleaning electrolyte to the tip of the SURFOX machine to ensure no interruption in the cleaning process.
Why is passivation important?

Stainless steel is generally able to resist corrosion thanks to a passive chromium oxide layer that forms on its surface. The formation of this protective layer is called passivation. However, abrasion or excessive heat - usually caused during welding - will destroy this protective layer and expose the area to corrosion.

Passivation occurs when the chromium contained in the stainless steel comes in contact with the oxygen in the air. This chemical reaction forms a passive chromium oxide layer, which will protect the surface of stainless steel. To form a thick and uniform chromium oxide passive layer, the surface of the parent material must be perfectly clean and free of any contaminants.

Mechanical abrasion, thermal treatment, welding, salt, strong acids and galvanic contamination will damage the chromium oxide layer and lead to unwanted oxidation. In order to fully restore the corrosion resistance of stainless steel and avoid any interference in the passivation process, the heat tint as well as other surface contaminants must be removed.

SURFOX is a safe, effective and fast electrochemical cleaning system. The rate of cleaning welds with this system is between 3-5 feet per minute.

The SURFOX system combines both the cleaning power of electrical current and the passivation properties of electrolyte cleaning solutions. Passivation instantaneously begins after the SURFOX electrochemical cleaning process is completed. It usually takes between 24 to 48 hours for passivation to be completed and stabilized.
electrochemical cleaning
Using SURFOX-G and SURFOX-T electrolyte solutions

**AC mode**
Using SURFOX-G and SURFOX-T electrolyte solutions

The electrochemical cleaning process uses the power of electrical current and the electrolyte cleaning solution to remove heat tint in heat affected zones without altering or damaging the surface of the parent material. It will leave a clean surface, free of residue and promote the formation of a uniform and stable chromium oxide passive layer that will protect the surface of stainless steel from oxidation. The electrochemical cleaning should always be done on AC (Alternate Current) mode available on all SURFOX machine models.

**DC mode**
Using SURFOX-T electrolyte solution

Electrochemical polishing is a process which removes parent material from the work piece and brightens the weld. This process will alter the surface and is mostly used to clean welds on mirror finished material. Electrochemical polishing is done on DC (Direct Current) mode available on the SURFOX MINI and SURFOX 204 models.
The SURFOX 104 is an industrial, self-contained weld cleaning system with an integrated electrolyte solution tank and an automatic dispensing pump. A variable speed pump (manual or automatic) continuously delivers the desired amount of electrolyte to the work piece.

This system is equipped with a self-regulating inverter board, which automatically monitors and adjusts the current to ensure maximum cleaning effectiveness without loss of productivity.

The unit comes with:
› Wand with on/off pump cycling controls
› Electrical outlet for optional marking hand piece (hand piece not included)

Also available as a kit with the carbon fiber brush with mini-wand kit (54-B 133) for small narrow areas. Order no. 54-D 164.

**Specifications**

<table>
<thead>
<tr>
<th>Order no.</th>
<th>54-D 114</th>
</tr>
</thead>
</table>

**Electrical**

Input: 120V, 50/60 Hz, 4.0 A
Output: 12-30 V AC, 12 A

**Dimensions**

Length: 18.5" (47 cm)
Width: 9 ¾" (25 cm)
Height: 15" (38 cm)
Tank capacity: 64.2 oz (1.9 liter)
Length of hose: 13’ (4 meter)
Weight: 36.4 lbs. (16.5 Kg)

**Features:**

› Electrochemical cleaning in AC mode
› Marking option

**Standard Equipment:**

› 3 standard cleaning pads (54-B 026)
› 1 tungsten insert 90° (48-R 133)
› 1 clamp ring (54-B 002)
› 1 protective carry case
SURFOX 204 is an industrial, self-contained weld cleaning system with an integrated electrolyte solution tank, a low level indicator and automatic dispensing pump. A variable speed pump (manual or automatic) continuously delivers the desired amount of electrolyte to the work piece.

This system is equipped with a self-regulating inverter board which automatically monitors and adjusts the current to ensure maximum cleaning effectiveness without loss of productivity.

The unit comes with:

- Variable current output knob, allowing the end user to pre-set the desired current level.
- Wand with on/off pump cycling controls.
- Electrical outlet for optional marking hand piece (hand piece not included)
- Switchable output: AC mode for cleaning and marking, DC mode for polishing and etching.
- Built in vapor elimination system (for confined work areas).

Also available as a kit with the carbon fiber brush with mini-wand kit (54-B 133) for small narrow areas. Order no. 54-D 264.

**Specifications**

**Order no.**

54-D 214

**Electrical**

Input: 120V, 50/60 Hz, 4.0 A  
Output: 12-30 V AC/DC, 15 A

**Dimensions**

Length: 18.5” (47 cm)  
Width: 9 ¾” (25 cm)  
Height: 15” (38 cm)  
Tank capacity: 64.2 oz (1.9 liter)  
Length of hose: 13’ (4 meter)  
Weight: 38 lbs. (17.3 Kg)

**Features:**

- Electrochemical cleaning with AC mode: settings low, medium, high (6-12 A)  
- Electrochemical polishing in DC mode  
- Marking and etching options  
- Vapor elimination system

**Standard Equipment:**

- 3 standard cleaning pads (54-B 026)  
- 1 tungsten insert 90° (48-R 133)  
- 1 clamp ring (54-B 002)  
- 1 protective carry case
**SURFOX 304**

The only electrochemical weld cleaning system powerful enough to clean MIG welds on stainless steel

**Industries**
- Light Manufacturing / Metal Fabrication
- Pharmaceutical Equipment Manufacturing
- Food & Beverage Equipment Manufacturing
- Transportation Equipment Manufacturing

**WHY IS PASSIVATION IMPORTANT?**

**SURFOX 304 promotes the formation of a uniform and durable chromium oxide layer to protect stainless steel against corrosion.**

Stainless steel is naturally able to resist corrosion thanks to a passive chromium oxide layer that forms on its surface. The formation of this protective layer is called passivation. Abrasion or excessive heat (caused by welding) will destroy this protective layer and expose the metal to corrosion. In order to fully restore the corrosion resistance of stainless steel, heat tint and other surface contaminants must be removed.

**SURFOX is a safe, effective and fast electrochemical cleaning system. Passivation begins instantly after the SURFOX electrochemical cleaning process is completed. It usually takes between 24 to 48 hours for passivation to be stable and complete.**

The use of SURFOX systems is a recognized method for achieving Chemical Passivation on Stainless Steel Parts, as defined by the ASTM 967-05 specification.
Quickly & Easily Remove Contaminants and Heat Tint from Stainless Steel Welds

**Product Features**

- Quickly cleans MIG, TIG & Spot welds
- Flow through system for faster, more efficient cleaning and longer lasting accessories
- Ability to clean larger and hard to reach areas with new conductive brushes
- Exclusive quick-change brush system
- Can also mark or etch stainless steel (requires additional accessories)
- Built-in vapor elimination system

**Starter Kit Includes**

- SURFOX 304
- Carbon Fiber Brush
- Brush Adaptor
- Tungsten Insert
- 3 High Conductivity Cleaning Pads
- Clamp Ring for Cleaning Pads
- Wand Holder
- Ground Cable
- Carrying Case
- 2 Allen Keys: 5mm & 2.5 mm
- User Guide
- CD: Training / Start-Up Guide

**Product Specifications**

<table>
<thead>
<tr>
<th>Order No.</th>
<th>Electrical</th>
<th>Dimensions</th>
<th>Tank Capacity</th>
<th>Length of hose</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>54-D 314</td>
<td>7.5 A 30 V AC/DC, 30 A max</td>
<td>20.67” 9.84” 14.57”</td>
<td>64.2 ounces</td>
<td>13’</td>
<td>48.5 lbs</td>
</tr>
</tbody>
</table>

**Quick-Change Carbon Fiber Brush for SURFOX 304**

Our carbon fiber brushes are designed to allow you to clean everything from large MIG welds to tight corners and other intricate areas as quickly and easily as possible.

**Carbon fiber brush**

Order No.: 54-B 105

**Spare brush adaptor for large wand**

Order No.: 54-B 099

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**TECH TIP!**

While the Carbon Fiber Brush is recommended for MIG welds, you can also use a Tungsten Insert with high conductivity cleaning pads to clean TIG and spot welds.

For more information on SURFOX 304 MIG & TIG, visit surfox.com
The ergonomically designed SURFOX MINI is the most compact member of the SURFOX family. The system has many important features built into a light and portable package which utilizes easy to carry liquid cartridges for dispensing the electrolyte solution. The SURFOX MINI is ideal for repairs, touch ups and small jobs.

**Specifications**

**Order no.**  54-D 054  
**Electrical**  
Input:  120V, 50/60 Hz, 2.0 A  
Output:  10-30 V AC/DC, 1.5 A  
**Dimensions**  
Length:  11” (28 cm)  
Width:  4 ½” (11 cm)  
Height:  6 ½” (17 cm)  
Weight:  7 lbs. (3.2 Kg)  

**Features**  
- Electrochemical cleaning in AC mode  
- Electrochemical polishing in DC mode  
- Marking and etching options  
- Current output adjustment  

**Standard Equipment**  
- 3 standard cleaning pads (54-B 026)  
- 1 tungsten insert 90° (54-B 036)  
- 1 clamp ring (54-B 002)  
- 1 protective carry case  
- 1 wand stand  
- 1 shoulder carry strap
SURFOX™ liquids

CLEANING & POLISHING ELECTROLYTES

SURFOX-G
pH Neutral Formulation

Apply with high conductivity SURFOX pads: 54-B 026, 54-B 027 or 54-B 028.

Features
› Great TIG and Spot weld cleaning on stainless or steel
› pH neutral
› Less fumes
› Safe alternative to pickling paste and strong acids
› Non-corrosive

SURFOX-T
Heavy duty formula

Apply with high conductivity SURFOX pads: 54-B 026, 54-B 027 or 54-B 028.

Features
› Formulated for the most demanding TIG, spot and pulsed MIG welding applications
› Safe alternative to pickling pastes and harsh acids
› Free from hydrofluoric acid and nitric acid
› Will remove light scaling

This heavy-duty electrolyte solution is composed of phosphoric acid and other additives which makes it ideal for the most demanding weld cleaning applications. SURFOX-T is formulated for cleaning TIG, spot and pulsed MIG welds.

Electrochemical polishing (DC mode)

When SURFOX-T is used in DC mode, it will electropolish the weld. SURFOX-T is formulated with built-in additives to promote polishing while cleaning heat tint and other contaminants from the weld.

SURFOX-N
Neutralizing formula

Neutralizes SURFOX-G and SURFOX-T solutions. Apply to work surface after the electrochemical cleaning process.

Neutralization is necessary to stop the action of the acid used during electrochemical and electro polishing processes. If the acid is not completely neutralized, it will continue to interact with the surface of the stainless steel. Rinsing with water is not enough to properly neutralize. Rinsing with water will only dilute the acid.

For full neutralization first remove any excess electrolyte solution from the base material using a cleaning rag or a paper towel. Then neutralize by spraying SURFOX-N onto the surface and subsequently wiping the surface thoroughly with another clean cloth.

SURFOX-N

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Order No.</th>
<th>Std. Pkg</th>
</tr>
</thead>
<tbody>
<tr>
<td>SURFOX-N</td>
<td>16.9 oz./500 ml</td>
<td>54-A 023</td>
<td>12</td>
</tr>
<tr>
<td>SURFOX-N</td>
<td>5.3 gal./20 L</td>
<td>54-A 027</td>
<td>1</td>
</tr>
<tr>
<td>SURFOX-N</td>
<td>55 gal./208 L</td>
<td>54-A 028</td>
<td>1</td>
</tr>
</tbody>
</table>

NEUTRALIZATION

Salt residues due to improper neutralization & rinsing.

CERTIFIED
ASTM A967 Chemical Passivation for Stainless Steel

MSDS: S-03E

Both SURFOX-G and SURFOX-T electrolyte cleaning solutions are NSF registered for food plant applications.

The SURFOX system is ASTM A967 (ASTM A380) certified for passivation.

888-777-ALRO
SURFOX™ MINI

Tungsten insert 90°
Order No.: 54-B 036
Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002, or boots 54-B 005 or 54-B 055

Tungsten insert 60°
Order No.: 54-B 037
Use with cleaning pad 54-B 027 and clamp ring 54-B 002 or boots 54-B 006 or 54-B 056

Large graphite insert for Micro-Wand
Order No.: 54-B 048
1.4” W - Ideal for surface renewing or restoring, and to clean the back of MIG welds

Narrow tungsten insert 90°
Order No.: 54-B 038
Use with cleaning pads 54-B 028 or 54-B 041 and clamp ring 54-B 020, or boots 54-B 007 or 54-B 057

Narrow tungsten insert 60°
Order No.: 54-B 039
Use with cleaning pad 54-B 028 and clamp ring 54-B 020 or boots 54-B 008 or 54-B 058

Narrow pads for large graphite insert
Order No.: 54-B 051
Pack of 10 with O-ring

SURFOX™ 104 & SURFOX™ 204

Tungsten insert 90°
Order No.: 48-R 133
Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002, or boots 54-B 005 or 54-B 055

Tungsten insert 60°
Order No.: 54-B 016
Use with cleaning pad 54-B 027 and clamp ring 54-B 002 or boot 54-B 006 or 54-B 056

Narrow tungsten insert 60°
Order No.: 54-B 018
Use with cleaning pad 54-B 028 and clamp ring 54-B 020 or boot 54-B 008 or 54-B 058

Large graphite insert for SURFOX 204
Order No.: 54-B 009
1.8” W - Ideal for surface renewing or restoring, and to clean the back of MIG welds

Narrow pads for large graphite insert
Order No.: 54-B 043
3.5” L x 2” W x 0.8” T
Pack of 10 with O-ring

FOR ALL MODELS

Narrow clamp ring for narrow pads
Order No.: 54-B 020
Use with cleaning pads 54-B 026 or 54-B 040 and clamp ring 54-B 002, or boots 54-B 005 or 54-B 055

Clamp ring for cleaning pads
Order No.: 54-B 002
Use with inserts 48-R 133, 54-B 016, 54-B 036 and 54-B 037
10 per package

Micro-Wand and brush kit
Order No.: 54-B 133
With carbon fiber brush for cleaning corners and intricate areas

SURFOX station  Order No: 54-B 050
Increased Efficiency for Production Units

This sturdy, portable workstation was designed from the ground up to offer convenient storage and handling for all things SURFOX. Keep your work area neat and organized while increasing the portability of your SURFOX 104 or 204 unit with the new SURFOX STATION.
# HIGH CONDUCTIVITY CLEANING BOOTS

Designed to be used with SURFOX-G and SURFOX-T

<table>
<thead>
<tr>
<th>Cleaning boots kit</th>
<th>Cleaning boot for inside corners 90°</th>
<th>Narrow cleaning boot 60°</th>
<th>Narrow cleaning boot 90°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order no: 54-B 059</td>
<td>Order no: 54-B 055</td>
<td>Order no: 54-B 057</td>
<td>Order no: 54-B 056</td>
</tr>
<tr>
<td>Includes: 10 of each boot 54-B 055, 54-B 056, 54-B 057 and 54-B 058</td>
<td>Use with inserts 48-R 133 and 54-B 021 10 per package</td>
<td>Use with inserts 54-B 018 and 54-B 025 10 per package</td>
<td>Use with inserts 54-B 017 and 54-B 022 10 per package</td>
</tr>
</tbody>
</table>

# HIGH CONDUCTIVITY CLEANING PADS

Designed to be used with SURFOX-G and SURFOX-T

<table>
<thead>
<tr>
<th>Standard cleaning pad</th>
<th>Inside corners cleaning pad</th>
<th>Narrow cleaning pad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order no: 54-B 026</td>
<td>Order no: 54-B 027</td>
<td>Order no: 54-B 028</td>
</tr>
<tr>
<td>1.8&quot; L x 9&quot; W x .15&quot; T</td>
<td>2.3&quot; L x 1.4&quot; W x .07&quot; T</td>
<td>1.8&quot; L x .9&quot; W x .15&quot; T</td>
</tr>
<tr>
<td>46 mm L x 24 mm W x 4 mm T Use with inserts 48-R 133 and 54-B 036, 10 per package plus 1 clamp ring</td>
<td>60 mm L x 38 mm W x 2 mm T Use with inserts 54-B 016 and 54-B 037, 10 per package plus 1 clamp ring</td>
<td>46 mm L x 24 mm W x 2 mm T Use with inserts 54-B 017, 54-B 018, 54-B 038 and 54-B 039, 10 per package plus 1 clamp ring</td>
</tr>
</tbody>
</table>

# CLASSIC CLEANING PADS

Designed to be used with SURFOX-T liquid.

<table>
<thead>
<tr>
<th>Standard cleaning pad</th>
<th>Narrow cleaning pad</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order no: 54-B 040</td>
<td>Order no: 54-B 041</td>
</tr>
<tr>
<td>1.8&quot; L x .45&quot; W x .15&quot; T</td>
<td>1.8&quot; L x .9&quot; W x .15&quot; T</td>
</tr>
<tr>
<td>46 mm L x 12 mm W x 4 mm T Use with inserts 54-B 017 and 54-B 038, 10 per package plus 1 clamp ring</td>
<td>46 mm L x 24 mm W x 4 mm T Use with inserts 54-B 017 and 54-B 038, 10 per package plus 1 clamp ring</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cleaning boot 90°</th>
<th>Cleaning boot narrow 90°</th>
<th>Cleaning boot 60°</th>
<th>Cleaning boot narrow 60°</th>
</tr>
</thead>
<tbody>
<tr>
<td>Order no: 54-B 005</td>
<td>Order no: 54-B 007</td>
<td>Order no: 54-B 006</td>
<td>Order no: 54-B 008</td>
</tr>
<tr>
<td>To be used with inserts 48-R 133 and 54-B 036 5 per package</td>
<td>To be used with inserts 54-B 017 and 54-B 038 5 per package</td>
<td>To be used with inserts 54-B 016 and 54-B 037 5 per package</td>
<td>To be used with inserts 54-B 018 and 54-B 039 5 per package</td>
</tr>
</tbody>
</table>

# Application of a cleaning pad

1. Insert the clamp ring into the bracket.
2. Place the cleaning pad.*
3. Push insert through the pad & into the clamp ring.
4. The cleaning pad has been applied successfully.

*Classic pads: Ensure the Ω sign is facing up.
**SURFOX**
**Passivation tester**

*Order no: 54-T 010*

**Standard equipment**
- Testing device/hand piece
- Data entry software with USB port
- Hand piece

**Product description**

It’s important to properly passivate your workpiece to prevent pitting and corrosion. On-site repair and refurbishment is costly in time and money when it could be avoided completely.

The Passivation tester is a clear diagnostic tool capable of monitoring the state of the passivation before it leaves the shop. Our solution is an electrochemical test probe based on a technology called open circuit potential. The test probe provides the user with a numeric value of the quality of the protective chromium oxide layer on the surface of the stainless steel. A negative value indicates that the protective layer is damaged or non-existent. A value of zero and above indicates that the surface is passivated. The readout is a quantitative representation of the quality and thickness of the protective chromium oxide layer.

For a fabricator, stating that the workpiece has a minimal passive value on delivery not only gives the assurance to the end-user that he is dealing with a professional, but also makes eventual claims concerning corrosion easier to deal with.

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**SURFOX**
**Stainless Steel Grade ID Tester**

*Order no: 54-T 001*

**Standard equipment**
- Testing device/hand piece
- Molybdenum reagent, 3.4 oz./100 ml
- Blotting paper
- Test coupons

**Product description**

Provides a visual representation of the grade of stainless steel. There are countless types of stainless steel, mainly grouped in 3 categories or grades: 200, 300 and 400 series.

Since it is visually impossible to differentiate between 200, 304, 316 and 400 grade stainless steel, WALTER provides a test kit that allows customers to instantly identify the grade of stainless steel.

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**Use the SURFOX passivation tester and see how you can easily record your passivation data for future access and reference!**

**The importance of recording your data!** More and more, for quality purposes, it will become key to record and store all the information related to your stainless steel production and transformation processes. To help you achieve this objective, the passivation tester is equipped with built-in memory to allow end-users to keep secure records of their passivation data. Over time, this will enable you to monitor the quality of your work and make sure it always meets your customers’ standards.
SURFOX Marking and Etching Kits make company logos, part numbers, serial numbers, lot and batch numbers, model numbers, barcodes, QR codes and more easy to achieve.

SURFOX marking kits use a fast and simple electrochemical process that permanently marks and etches stainless steel surfaces. The marking & etching wand plugs directly into the SURFOX machine and is used with permanent or disposable stencils.

### SURFOX Standard marking kit
**Order no.: 54-B 080**
**Standard equipment:**
- Marking and etching wand with cable and graphite tip 1.4” x 0.4”
- 20 marking pads and 5 o-rings
- SURFOX-M 3.4 oz black marking electrolyte solution
- SURFOX-E 3.4 oz etching electrolyte solution

### SURFOX PRO marking kit
**Order no.: 54-B 081**
**Standard equipment:**
- Marking and etching wand with cable and graphite tip 1.4” x 0.4”
- 20 marking pads and 5 o-rings
- SURFOX-M 3.4 oz black marking electrolyte solution
- SURFOX-E 3.4 oz etching electrolyte solution
- Stencil printer, software and a 65.6 ft roll of stencil paper

### SURFOX-M Marking solution
3.4 oz (100 ml) squeeze bottle
**Order no.: 54-A 031**
SURFOX-M is an electrolyte solution specially formulated to permanently black mark stainless steel on AC (alternating current) mode. This oxidation process will leave a dark mark on the surface of stainless steel without altering it. Marking on stainless steel is resistant against chemical attacks.

### SURFOX-E Etching solution
3.4 oz (100 ml) squeeze bottle
**Order no.: 54-A 041**
SURFOX-E is an electrolyte solution specially formulated to permanently etch stainless steel on DC (direct current) mode which is available on SURFOX MINI and SURFOX 204 machines. Similar to polishing, the etching of stainless steel will remove material and alter the surface.

## Marking kits accessories

<table>
<thead>
<tr>
<th>Product</th>
<th>Quantity</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marking pads</td>
<td>Pack of 20</td>
<td>54-B 083</td>
</tr>
<tr>
<td>Graphite marking insert</td>
<td></td>
<td>54-B 088</td>
</tr>
<tr>
<td>O-rings</td>
<td>Pack of 5</td>
<td>54-B 089</td>
</tr>
<tr>
<td>Power cable</td>
<td></td>
<td>54-B 063</td>
</tr>
<tr>
<td>Stencil paper roll</td>
<td>65.6’ x 4”</td>
<td>54-B 086</td>
</tr>
<tr>
<td></td>
<td>164’ x 4”</td>
<td>54-B 087</td>
</tr>
<tr>
<td>Marking wand</td>
<td></td>
<td>54-B 082</td>
</tr>
</tbody>
</table>
marking stencils

Permanent stencils
Custom made stencils from a .bmp, .jpg, .tiff, .dwg, .ai, .cdr, .doc, .pdf document. Many sizes are available. Permanent stencils are ideal for the marking of your company logo and address as well as other recurring information from one part to another.

Permanent stencils can be reused hundreds of times if well maintained. For increased durability, neutralize the stencil with SURFOX-N and rinse after use and store in a sealable jar of water.

Disposable stencils
Disposable stencils are ideal for serial numbers, lots and batch numbers, barcodes, QR codes and other information that require constant change and evolution. You may now print labels on which the data changes for each label, for example, counter, serial numbers, date, and time. Use it once and dispose of it. Printing disposable stencils has never been easier with the PRO marking kit that includes a thermal printer and stencil paper rolls to suit your needs.

Stencil printer and software (laptop not included).

Disposable stencil printer and software
The stencil printer is part of the PRO marking kit and is a user-friendly way of creating and printing disposable stencils to fit your needs.

Marking with permanent stencils.

Result of black marking with permanent stencils.

Marking with disposable stencils.

Result of black marking with disposable stencils.