

Weld cleaning system
for stainless steel

SURFOX™

- ◆ SAFER
- ◆ FAST
- ◆ SIMPLE TO USE
- ◆ SAVES YOU TIME AND MONEY



“Only the best”



Watch the
SURFOX video on
your smartphone!
Free software
download on
getscanlife.com

 **WALTER**
Surface Technologies

THE AMAZING SURFOX SYSTEM MAKES REMOVING DISCOLORATION EASY!



Did you know welding stainless steel produces discoloration?

The SURFOX weld cleaning system removes weld discoloration while passivating the work surface without the use of dangerous pickling paste. TIG and spot weld discoloration are removed instantly and the original mill finish is restored, requiring no further treatment. Neutralization is accomplished with SURFOX-N to complete the cleaning process.

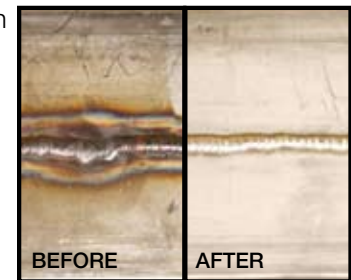


THIS TRULY REVOLUTIONARY SYSTEM IS:

SAFE Both SURFOX-H and SURFOX-T electrolyte cleaning solutions have been laboratory certified to be safe and pose zero health risk to operators.

FAST SURFOX system cleans and passivates TIG (Tungsten inert gas welding) welds at a speed of 3-5 feet per minute. Avoid wasting time cleaning welds with handpads and wire brushes.

EASY The cleaning solution is automatically delivered to the cleaning tip by an integrated pump system - without spills, just the right amount without stopping the cleaning action.



SURFOX™ 203

The most versatile unit for a wide variety of jobs

- Integrated reservoir with pumping system
- Electro chemical cleaning and polishing (AC mode)
- Marking and etching option (AC/DC mode)
- Voltage setting from 12 to 30 volts
- Built-in fume elimination system

Standard equipment

- 3 cleaning pads
- 1 Teflon ring
- 1 ground wire with clamp
- 1 carrying case



SURFOX™ 103

The perfect unit for everyday use

- Integrated reservoir with pumping system
- Electro chemical cleaning and polishing (AC mode)
- Marking and etching option (AC mode)
- Pre-adjusted voltage setting at 30 volts

Standard equipment

- 3 cleaning pads
- 1 Teflon ring
- 1 insert
- 1 drip guard
- 1 ground wire with clamp
- 1 carrying case



MINI SURFOX™

The ideal unit for occasional field work

- Easily portable
- Light
- Uses disposable cartridges
- Electro chemical cleaning and polishing (AC/DC mode)
- Marking and etching option (AC/DC mode)
- Voltage setting; Low (10 volts), Medium (20 volts), High (20 volts)

Standard equipment

- 2 SURFOX-T 100 ml cartridges
- 1 stainless steel insert
- 1 narrow stainless steel insert
- 2 Teflon rings
- 1 standard cleaning pad
- 1 narrow cleaning pad
- 1 ground wire with clamp
- 1 500 ml SURFOX-N neutralizer
- 1 carrying case



MODEL	ORDER NO.	ELECTRICAL		DIMENSIONS			TANK	LENGTH	WEIGHT
		Input	Output	Length	Width	Height	CAPACITY	OF HOSE	
MINI	54-D 050	120 V, 50/60 Hz, 1.5 A	30V AC	11"	4 1/2"	6 1/2"	-	-	7 lbs
103	54-D 113	120 V, 50/60 Hz, 3.0 A	30V AC	18 1/2"	9 3/4"	15"	64.2 ounces	13 feet	44 lbs
203	54-D 213	120 V, 50/60 Hz, 6.0 A	10-30V AC or DC	18 1/2"	9 3/4"	15"	64.2 ounces	13 feet	37 lbs

SURFOX™ Marking Kits

Go ahead, make your mark!

SURFOX marking kits use a fast and simple electrochemical process to permanently mark stainless steel surfaces. The marking wand plugs directly into the SURFOX machine and is used with specially made permanent or disposable stencils.



Pro kit (No: 54-B 081)

The PRO kit is offered with a stencil thermo printer for the printing of disposable stencils to permanently mark stainless steel surfaces. The printer comes with software that allows the creation of stencils for barcodes, serial numbers, lot and batch numbers, text, company logos, and more.

Packaged in a professional and sturdy casing, the kit includes:

- Marking wand, black cable and graphite insert 35 mm X 10 mm
- Pack of 20 marking pads, 5 O-rings and Allen key 2.5 mm
- SURFOX-M marking solution 100 ml squeeze bottle for black marking (AC mode)
- SURFOX-E etching solution 100 ml squeeze bottle for white etching (DC mode)
- Thermo printer and roll of stencil paper 20 meter



Standard kit (No: 54-B 080)

The standard kit requires the use of permanent stencils.

The standard kit includes:

- Marking wand, black cable and graphite insert 35 mm X 10 mm
- Pack of 20 marking pads, 5 O-rings and Allen key 2.5 mm
- SURFOX-M marking solution 100 ml squeeze bottle for black marking (AC mode)
- SURFOX-E etching solution 100 ml squeeze bottle for white etching (DC mode)



Accessories

SURFOX-M marking solution 100 ml squeeze bottle	54-A 031	Permanent stencils 25 mm X 15 mm	54-B 075
SURFOX-E etching solution 100 ml squeeze bottle	54-A 041	Permanent stencils 54 mm X 32 mm	54-B 076
Stencil paper roll 100 mm X 20M	54-B 086	Permanent stencils 85 mm X 27 mm	54-B 071
Stencil paper roll 100 mm X 50M	54-B 087	Permanent stencils 85 mm X 54 mm	54-B 077
Marking pads, pack of 20	54-B 083	Permanent stencils 128 mm X 85 mm	54-B 078
Graphite marking inserts 35 mm X 10 mm	54-B 088	Permanent stencils 170 mm X 54 mm	54-B 072
Black cable	54-B 063	Permanent stencils 170 mm X 108 mm	54-B 073
		Permanent stencils 257 mm X 170 mm	54-B 074

SURFOX-H

Electrolyte Cleaning Solution

1.5 L/50.7 oz.

STD Pack: 1 STD Carton: 4

No: 54-A 015

20 L/5.2 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 017

208 L/55 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 018

SURFOX-T

Heavy Duty Electrolyte Cleaning Solution

1.5 L/50.7 oz.

STD Pack: 1 STD Carton: 4

No: 54-A 005

20 L/5.2 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 007

208 L/55 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 008

SURFOX-N

Neutralizer for SURFOX-H and SURFOX-T

500 ml/16.9 oz.

STD Pack: 1 STD Carton: 12

No: 54-A 023

20 L/5.2 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 027

208 L/55 gal.

STD Pack: 1 STD Carton: 1

No: 54-A 028

Electrolyte Cleaning Solution

SURFOX-H

For use with:

- SURFOX 103
- SURFOX 203

- Lower environmental impact
- Lower toxicity
- Less fumes



Nonfood Compounds
Program Listed (A3)
(143267)

ACCEPTED FOR
USE IN FOOD
PLANTS IN CANADA.

SURFOX-T

Heavy Duty
Electrolyte Cleaning
Solution

For use with:
• SURFOX 203



Nonfood Compounds
Program Listed (A3)
(142984)

ACCEPTED FOR
USE IN FOOD
PLANTS IN CANADA.



SURFOX-N

Neutralizes the SURFOX-H
and SURFOX-T solutions.

ACCEPTED FOR
USE IN FOOD
PLANTS IN CANADA.

Accessories

For MINI SURFOX



Stainless Steel Insert 90°
No: 54-B 021

Use with cleaning pad 54-B 026 or
54-B 027 and clamp ring 54-B 002.
10 per package.



Narrow Stainless Steel Insert 90°
No: 54-B 022

Use with cleaning pad 54-B 028 and clamp ring
54-B 020. 10 per package.



Stainless Steel Insert 60°
No: 54-B 024

Use with cleaning pad 54-B 027 and clamp ring
54-B 002. 10 per package.



Narrow Stainless Steel Insert 60°
No: 54-B 025

Use with cleaning pad 54-B 028 and
clamp ring 54-B 020. 10 per package.



Electrolyte Straw
No: 48-R 294

10 per package.



Electrolyte Cleaning Solution
Surfox-T 100 ml Cartridge
No: 54-A 001
6 per package.

For SURFOX 103 and 203



Tungsten Insert 90°
No: 48-B 133

Use with cleaning pad 54-B 026 and
clamp ring 54-B 002.



Tungsten Insert 60°
No: 54-B 016

Use with cleaning pad 54-B 027
and clamp ring 54-B 002.



Narrow Tungsten Insert 90°
No: 54-B 017

Use with cleaning pad 54-B 028
and clamp ring 54-B 020.



Narrow Tungsten Insert 60°
No: 54-B 018

Use with cleaning pad 54-B 028
and clamp ring 54-B 020.

For all models



Standard Cleaning Pad
No: 54-B 026

Use with insert 48-R 133 and 54-B 021.
10 per package plus clamp ring.



Narrow Cleaning Pad
No: 54-B 028

Use with insert 54-B 017, 54-B 018,
54-B 022 and 54-B 025.
10 per package plus clamp ring.



Oversized Cleaning Pad
No: 54-B 027

Use with insert 54-B 016, 54-B 021
and 54-B 024.
10 per package plus clamp ring.



Clamp Ring for Cleaning Pads
No: 54-B 002

Use with standards inserts.
10 per package.



Narrow Clamp Ring
for Narrow Pads
No: 54-B 020

Use with narrow inserts.
10 per package.

For SURFOX 103



Drip Guard
No: 54-B 003
1 per package.

SURFOX™ Testing Devices

Passivation tester (No: 54-T 010)

An electro-chemical testing device
based on a technology called *Open
Circuit Potential* that provides numeric
values of the state of the passive layer.



Stainless steel grade identification tester (No: 54-T 001)

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



TECHNICAL BULLETINS
AVAILABLE ON OUR WEB SITE

www.walter.com
1 888 592-5837

Available at:

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