

# SURFOX™ 305 MIG & TIG

## The industry’s safest and fastest MIG & TIG weld cleaning system

The SURFOX™ 305 is our patented electrochemical weld cleaning system for stainless steel and aluminum. It quickly and easily removes heat tint from the heat-affected zone of MIG, TIG and spot welds, cleaning the surface and allowing passivation on stainless steel to begin without altering the surface finish. The integrated tank and flow-through system ensures the electrolyte solution is delivered directly to the workpiece, minimizing the potential for spillage or cross-contamination. The dynamic current control also ensures that the electrical current will not cause micro pitting on the surface.



### Features & benefits:

- Switchable output: AC Mode: cleaning & marking - DC Mode: polishing & etching
- Ability to clean larger and hard to reach areas with our new brushes
- The cleaning liquid is delivered automatically to the cleaning tip by an integrated pump system – without spills, just the right amount and without stopping the cleaning action
- Cleaning a typical weld at a speed of 5 feet/minute with no scrubbing or mechanical action required
- Built-in fume elimination system (requires a compressed air line)
- Compatible with all SURFOX electrolyte cleaning solutions
- Uses **nitric and hydrofluoric acid free** SURFOX electrolyte solutions
- Permanent marking on aluminum, stainless steel, and titanium surfaces
- **The use of SURFOX systems is a recognized method for achieving chemical passivation on Stainless Steel Parts, as defined by the ASTM A967 specification.**

Model	Order No.	Electrical		Dimensions			Tank Capacity	Length of hose	Weight
		Input	Output	Length	Width	Height			
305	54-D 315	120 V, 50/60 Hz, 9.0 A	12-30 V AC/DC, 30 A max	18.50"	9.75"	15"	64.2 oz	13'	44 lbs

(M)SDS available upon request or visit our web site at [www.walter.com](http://www.walter.com)

Not for product specification. The technical data contained herein is intended as reference only and may change without notice

## SURFOX™ 305 MIG & TIG

### ACCESSORIES

#### *SURFOX solutions*

SURFOX-T Heavy-Duty solution, 100ml	54-A 001
SURFOX-T Heavy-Duty solution, 1.5L	54-A 005
SURFOX-T Heavy-Duty solution, 5L	54-A 006
SURFOX-T Heavy-Duty solution, 20L	54-A 007
SURFOX-T Heavy-Duty solution, 208L	54-A 008
SURFOX-G Neutral pH solution, 100ml	54-A 061
SURFOX-G Neutral pH solution, 1.5L	54-A 065
SURFOX-G Neutral pH solution, 5L	54-A 066
SURFOX-G Neutral pH solution, 20L	54-A 067
SURFOX-G Neutral pH solution, 208L	54-A 068
SURFOX-N Cleaning & Neutralizing solution, 500ml	54-A 023
SURFOX-N Cleaning & Neutralizing solution, 3.78L	54-A 025
SURFOX-N Cleaning & Neutralizing solution, 20L	54-A 027
SURFOX-N Cleaning & Neutralizing solution, 208L	54-A 028

#### *Cleaning pads*

Standard high conductivity cleaning pads	54-B 026 (pack of 10)
Inside corners high conductivity cleaning pads	54-B 027 (pack of 10)
Narrow high conductivity cleaning pads	54-B 028 (pack of 10)
Large cleaning pad for graphite insert	54-B 052 (pack of 5)
Large high conductivity pads for graphite insert	54-B 043 (pack of 10)
Narrow clamp ring for narrow pads	54-B 020
Clamp ring for cleaning pads	54-B 002

#### *Brushes*

Wide Carbon fiber brush for SURFOX 305	54-B 155 (pack of 5)
Carbon fiber brush for SURFOX 305	54-B 156 (pack of 5)
Spare brush adaptor for SURFOX 305	54-B 149

#### *Micro-wand kit*

Micro-wand and tungsten insert kit	54-B 033
Micro-wand and brush kit	54-B 133
Carbon fiber micro-brush	54-B 157
Brush adaptor for micro-wand	54-B 150

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### *Tungsten and graphite inserts*

Tungsten standard 90°	54-B 143
Tungsten narrow 90°	54-B 017
Large graphite	54-B 009

### *Testers*

Surfox Passivation tester	54-T 012
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### *Marking kits*

Standard kit	54-B 080
PRO kit with stencil printer	54-B 081

### *Station*

SURFOX station	54-B 050
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### *Power Cloth*

Surfox Power Cloth	54-B 090
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### *Surfox Cleaners*

SURFOX Pre-Weld, 500 ml	54-A 073
SURFOX Pre-Weld, 5 L	54-A 076
SURFOX Pre-Weld, 20 L	54-A 077
SURFOX Pre-Weld, 208 L	54-A 078
SURFOX Shine, 500 ml	54-A 093
SURFOX Shine, 3.78 L	54-A 095
SURFOX Shine, 20 L	54-A 097
SURFOX Shine, 208 L	54-A 098
SURFOX Renew, 500 ml	54-A 083
SURFOX Renew, 3.78 L	54-A 085
SURFOX Renew, 20 L	54-A 087
SURFOX Renew, 208 L	54-A 088

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