



SURFOX 304

The most powerful electrochemical MIG & TIG
weld cleaning system for stainless steel



“Only the best”

 **WALTER**



SURFOX 304

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

Video



Check out the SURFOX 304 in action!

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.

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.



Compared to traditional weld cleaning methods, SURFOX 304 is:

- ▷ **Safer:** SURFOX cleaning electrolytes are NSF registered and safe for use in food plants
- ▷ **Faster:** Uniform cleaning and passivation at a rate of 3 to 5 feet per minute
- ▷ **Easy:** Designed for maximum ease-of-use with intuitive controls

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
- Triangular Sleeve
- Cylindrical Sleeve
- 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

| Order No. | Electrical | | Dimensions | | | Tank Capacity | Length of hose | Weight |
|-----------|------------|----------------------|------------|-------|--------|---------------|----------------|----------|
| | Input | Output | Length | Width | Height | | | |
| 54-D 314 | 7.5 A | 30 V AC/DC, 30 A max | 20.67" | 9.84" | 14.57" | 64.2 ounces | 13' | 48.5 lbs |

Quick-Change Carbon Fiber Brushes for SURFOX 304

Our carbon fiber brushes with interchangeable sleeves allow you to clean everything from large surfaces to tight corners!

Carbon fiber brush
Order No.: 54-B 095



Spare brush adaptor for large wand
Order No.: 54-B 099



Triangular sleeve for large surface areas
Order No.: 54-B 101



Cylindrical sleeve for tight corners and spot welds
Order No.: 54-B 102



For more information on **SURFOX 304 MIG & TIG**, visit surfox.com



walter.com | surfox.com

Video



Check out the
SURFOX 304
in action!

All specifications and data are subject to change without notice.
© Copyright Walter Surface Technologies Inc. 2014 All rights reserved.
SURFOX is a trademark of Walter Surface Technologies Inc. **HTA 211**

Available at:

***For more information or to schedule
a FREE demo at your shop or facility:***

*Call your local WALTER representative or reach our
Customer Service Department at (800) 522-0321.*

TO ORDER:

Phone: (800) 522-0321 or Fax (866) 274-4435

Email: OrderDesk.US@walter.com

 **WALTER**
Surface Technologies