

**PRESS RELEASE**

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**WELDING  
METALWORKING  
MACHINING  
MRO**

New dedicated website: [www.surfox.com](http://www.surfox.com)

**Walter Surface Technologies’ Surfox a winner for stainless steel welders:  
Fastest weld cleaning and passivation system on the market  
and safest alternative to highly toxic traditional methods**

Montreal, QC, April 15 2014 — WALTER SURFACE TECHNOLOGIES today announces improvements to the SURFOX weld electrochemical cleaning system. Underscoring Walter’s commitment to developing greener alternatives for the metalworking industry, this alternative to highly toxic methods for weld cleaning and chemical passivation now offers better cleaning performance, new models, a larger range of accessories, and an improved stainless steel passivation tester. “More and more clients require high quality, clean and visibly pleasing welds. The older methods of cleaning welds are costly, unsafe and complicated. Our experts in the R&D department have truly cracked this case... Surfox is a winner.” says Dan Pirro, Vice President of International Marketing at Walter Surface Technologies.

**Surfox – Farewell to grinding and hazardous pickling pastes**

Welding stainless steel leaves a heat tint on the surface that metal fabricators must remove in order to satisfy the demand for a clean, fully passivated surface. Grinding and brushing is time-consuming, labour intensive, and not always effective. Cleaning with pickling pastes exposes the workers and the environment to toxic compounds and can be difficult to use.

Ideal for the food and beverage, pharmaceutical, architectural, transportation and many more industries where stainless steel is present, Walter’s Surfox system replaces mechanical abrasion and pickling paste with an electrolyte solution. The result is a safer, healthier industrial environment for the worker and a more efficient work process that lowers costs and produces a high standard cleaning and consistent finish on stainless steel. In a typical application, the worker fills the weld cleaning machine with a highly conductive electrolyte cleaning solution. When switched on, the unit pumps the solution through an application pad, which instantly cleans the part – at a rate of three to six feet per minute. After the electrochemical cleaning process, the worker applies a neutralizing fluid to rebalance the pH of the solution. The result is the best finish in the industry – even a polished finish is possible.

One of the most popular and unique electrolyte cleaning solutions from Walter is the SURFOX-G. This highly conductive solution is a salt-based, non-acidic, pH neutral TIG weld cleaner that is non-corrosive and compatible with all SURFOX machines. Because of the salt-base nature of this solution, it also eliminates the need to neutralize surfaces after treatment. Users simply need to clean the surface with Walter's SURFOX-N cleaning solution.

### Surfox's new models and new features

3 new models

- 204 the most versatile unit for a wide variety of jobs
- 104 the perfect unit for production work
- Mini light and portable machine ideal for onsite jobs, touch-ups and repairs

Walter's R & D department has introduced several new improvements and features to the Surfox system, including:

- **Improved internal circuitry.** New inverter boards provide non-stop cleaning, offering higher performance and productivity. The new circuitry provides a steady current, so the cleaning unit has no down-time, and enables the use of highly conductive materials and new accessories.
- **More machine settings** for electrochemical cleaning. With the flexibility of 3 settings (on the Surfox 204 and Mini machines), the worker can set the unit to Low, Medium, or High according to the required cleaning level.
- A new **carbon fiber brush** for precision cleaning. The high conductivity of carbon fibers results in greater electrochemical cleaning power, making this new accessory ideal for intricate, narrow areas or tight corners. This accessory is sold separately.
- A **large graphite insert and pad.** This new accessory is ideal for larger areas and for small surface renewing. Highly conductive, the large long-lasting graphite insert and pad result in greater electrochemical cleaning and polishing power.
- **Improved passivation tester.** This tool enables the worker to evaluate the passivation level on the parts. An illuminated panel displays a numeric value to indicate passivation on the surface. The tester also features data-logging capability and protects data from tampering.

Metal fabricators who use the Surfox system save time and money, improve working conditions, and reduce their environmental impact. In fact, 70% of new customers abandon traditional methods in favor of Surfox. Click [here](#) to view a product demonstration video.

Surfox electrolyte solutions are NSF certified for use in the food industry and the Surfox system is ASTM-A967 / ASTM-A380 certified for chemical passivation on stainless steel.

### **About Walter Surface Technologies**

*Walter Surface Technologies provides innovative solutions for the global metal working industry. From high performance abrasives, power tools and tooling to industrial parts washing systems, cleaners, degreasers and lubricants Walter focuses on helping its customers work better. Founded in 1952, the company is established in 7 countries throughout North America, South America and Europe. International headquarters is in Montreal and US headquarters is located in Windsor, Connecticut. Key certification and awards include ISO 9001: 2008, Wall Street Journal Award; Deutscher Material Preis; American Eagle Award; CleanTech Cleaning Technology Award.*

For additional information: [www.walter.com](http://www.walter.com)

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Press Office

Walter Surface Technologies International

Dumas Bergen Public Relations

Jean-Carl Bergen | 514-866-9816

[jcbergen@videotron.ca](mailto:jcbergen@videotron.ca)