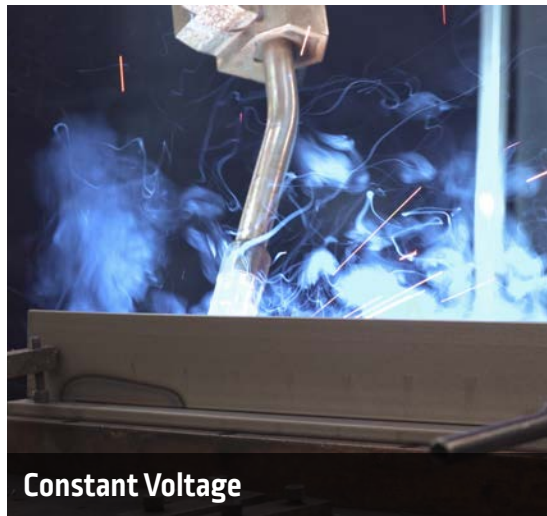


LOW FUME PULSE™

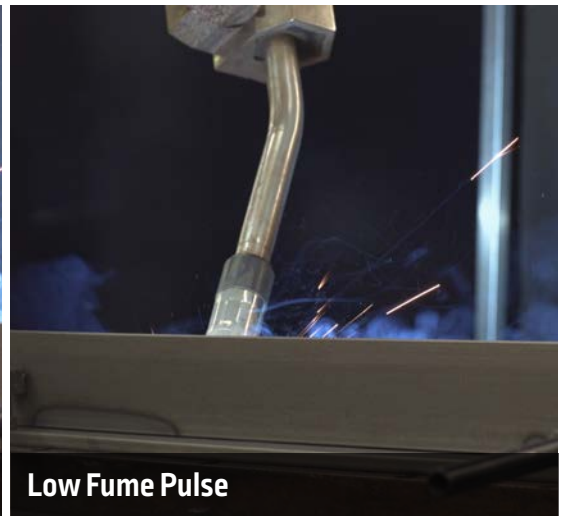
A Better Weld. A Better Work Environment

The Win-Win Solution

Lincoln Electric's Low Fume Pulse™ simplifies the balancing act between weld fume control and weld floor productivity. Developed to be a win-win solution, this advanced welding process combines maximum weld performance with low fume generation, allowing you to improve operator productivity and safety at the same time.



Constant Voltage

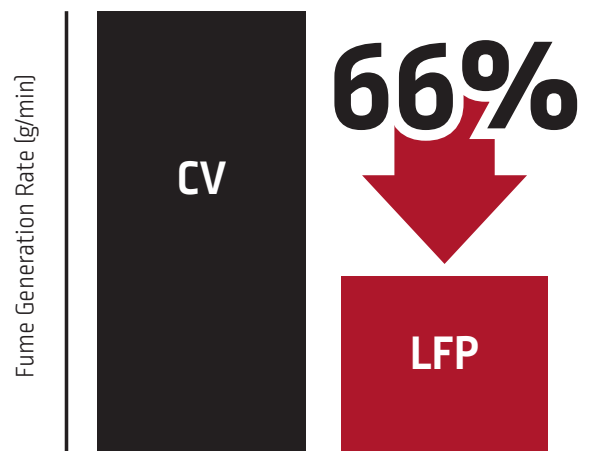


Low Fume Pulse

Process comparison: CV versus Low Fume Pulse using the same wire diameter, wire feed speed, and contact tip to work distance.

Reduction at the Source

Unlike traditional Constant Voltage (CV) MIG, Low Fume Pulse utilizes patented Waveform Control Technology® for advanced arc performance, minimizing heat input and reducing weld fume generation directly at the arc.



Weld Procedure (.052 - 400 WFS)

The Starting Point of Fume Control

Engineered to be the first step to overall weld fume control, Low Fume Pulse allows you to control weld fumes right from the start, limiting the actual volume of weld fumes generated within the welding environment prior to entering additional stages of ventilation and extraction.



The Lincoln Electric Solution

Equipment	Weld Process*	Additional Weld Fume Control
Power Wave® S500, R500, or R450 with STT® Module or Advance Module	Low Fume Pulse	Local Extraction Units General Filtration Solutions
Power Feed® 84		PAPR VIKING® Helmets

* Available as a FREE weld set update for current Power Wave S500 owners. Download at www.powerwavesoftware.com

LEGAL DISCLAIMER

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application.

These sample test results for elemental fume chemistry were obtained from welding fume produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application. Actual results will vary depending on many factors, including, but not limited to: the base material or substrate being welded, the welding procedure and welding process, and the unique conditions present in the workplace or welding environment. Users and employers have the sole responsibility for and control over workplace conditions, including the manner in which work is performed and the safety measures taken. Always read and follow applicable OSHA regulations as well as all information on product labeling and safety data sheets when using Lincoln Electric products. Safety data sheets for Lincoln Electric products can be found at <http://www.lincolnelectric.com/en-us/support/msds/Pages/sds-search.aspx>. Users and employers should have an industrial hygienist check worker exposure levels to be certain that they are within applicable OSHA PEL and ACGIH TLV limits for the particular application or weldment.

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