

REALWELD®

WELD TRAINING SOLUTIONS

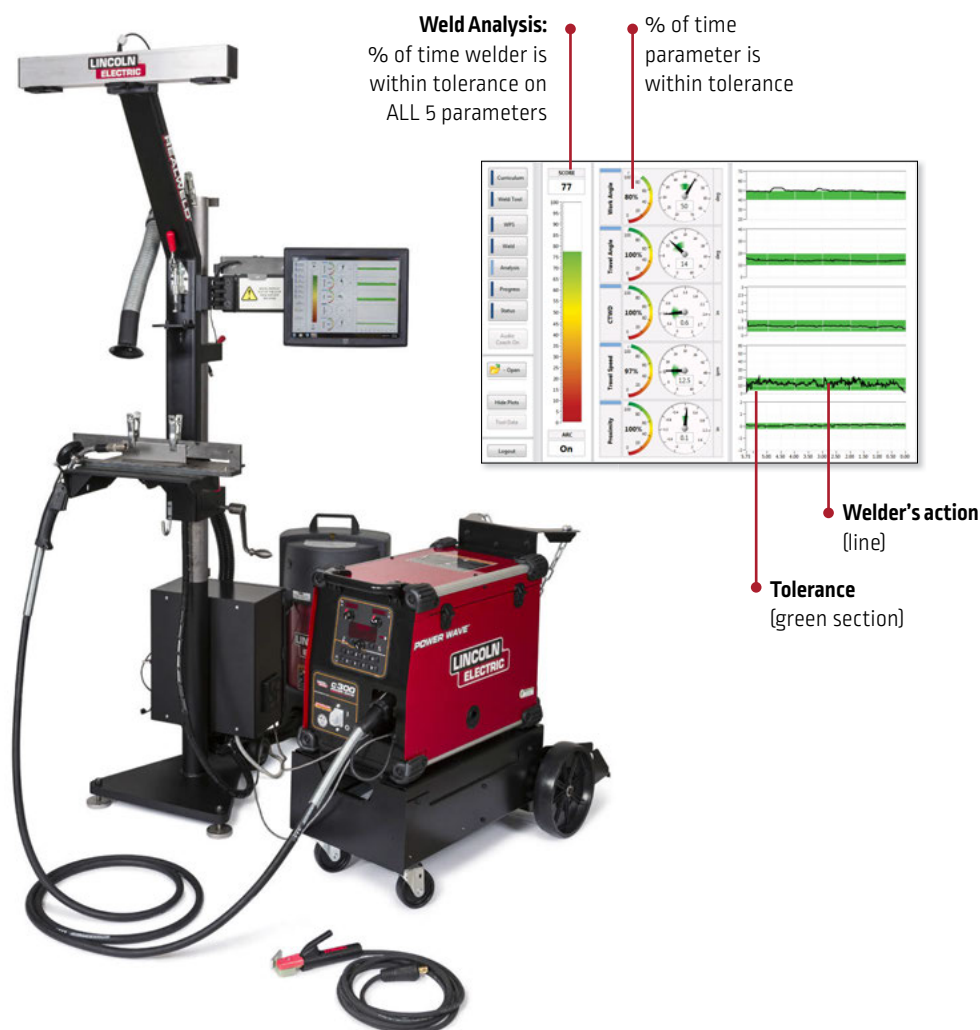


DIVERSIFIED EDUCATIONAL SYSTEMS, INC

Weld Training Solutions

Regardless of the learning environment – high school, technical college, engineering school, union or in-house industrial training centers – students need consistent guidance and the most real-life experience possible when learning welding technique and positioning. There's no replacement for the instructor, but a guided welding experience and immediate feedback on every weld is like having an instructor in every booth, helping to move each student forward through the lesson plan.

REALWELD Trainer teaches multiple welding processes in a number of welding positions (1F, 2F, 3F, 4F, 1G, 2G, 3G, lap joint, tee joint, groove joint, and flat plate joints) and prompts the user with audio coaching in both Arc On and Arc Off modes to help develop proper technique and position. Welding procedure specifications can be created and modified by the instructors as needed.



BENEFITS

STICK TO LEARNING

- » Stick (SMAW), MIG (GMAW) and flux-cored (FCAW-G & FCAW-S) welding procedures and techniques.

LISTEN AND LEARN

- » The REALWELD Trainer includes an audio coach – nicknamed *Audio Allie* – who provides guidance with weld speed, angles, aim, contact tip to work distance/arc length and position in the weld.
- » Audio cues can be turned off at any time, allowing the student or prospective employee to demonstrate learned behaviors.

GO LONG

- » Multi-pass capability in a number of positions
- » 6 in. (152 mm) or 18 in. (457 mm) coupons
- » Longer welds replicate more closely common field conditions.

KNOWLEDGE IN A SMALL SPACE

- » Slim, vertical design maintains a small footprint that makes the system ideal for setting up in any weld booth.

REPORTING CAPABILITY

- » System provides instant feedback to the welder and can help the instructor with reporting and student evaluation.

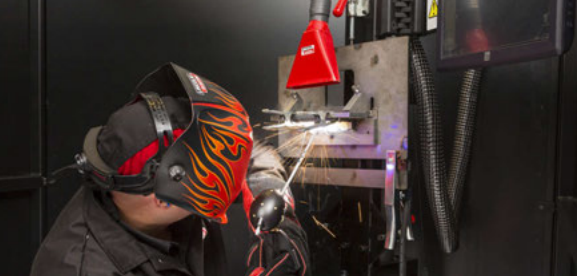
INTEGRATED TOUCHSCREEN

- » Usable even with gloved hands.
- » Integrate videos, documents, images, websites and curriculum to enhance learning.

THE CHOICE IS YOURS

- » Complete welding package, including a Lincoln Electric Power Wave® C300 welding power source and Miniflex® fume extraction system.
- » Add the REALWELD Trainer only to your existing booth and welding equipment.

LINCOLN®
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REALWELD®

WELD TRAINING SOLUTIONS

REALWELD Order Information

Product Number	AD2438-1 (Base Model – REALWELD Only)
	AD2438-2 (One-Pak® Package – including Power Wave C300 welding power source and Miniflex fume extraction system)
Input Power	120-240VAC 15A @ 50-60Hz
Operating System	Windows® 7 (32-Bit)
Processor / Memory	Intel® Core® i3 / 4GB
Hard Drive	High Performance 320GB
Ports (QTY) – USB 2.0 / Ethernet	3 / 1
H x W x D – in (mm)	Lowered: 76.5 x 36 x 36 (1943 x 914 x 914) Raised: 100 x 36 x 36 (2540 x 914 x 914)
Packaged Net Weight – lb (kg)	Base Model – Crate 410 (186) One-Pak® Package – Net 548 (250.6)

Power Wave C300 Product Specifications

Product Number	K2675-2
Input Power	3 Ph 50/60: 208/220-230/380 1 Ph 50/60: 208/220-230
Rated Output – Current/Voltage/Duty Cycle	300A/29V/40% 250A/27V/100%
Input Current @ Rated Output	3 Ph / 40% Duty Cycle: 30/28/16/14/11A 1 Ph / 40% Duty Cycle: 53/48/29A
Wire Feed Speed Range – ipm (m/min)	50-700 (1.27-17.8)
Wire Size Range – in (mm)	Solid: 0.023-0.045 (0.6-1.2) Cored: 0.035-0.045 (0.9-1.2)
H x W x D – in (mm)	18.8 x 14 x 27.4 (478 x 356 x 697)
Net Weight – lb (kg)	100 (47.6)

Miniflex Product Specifications

Product Number	K2376-1
Input Power – Voltage/Phase/Hertz	115/1/50/60
Input Current	15A
H x W x D – in (mm)	28-3/4 x 16-1/2
Net Weight – lb (kg)	38 (17)

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CUSTOMER ASSISTANCE POLICY

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. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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See upcoming events, customer highlights, Lincoln Electric activity, updates and tips and tricks to help with your implementation of welding training in your environment.

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Join us online and hear what others are saying. Interact and like posts and updates that you find exciting and interesting. We'd be happy to hear from you.

EXCEPTIONAL CUSTOMER SERVICE

Lincoln Electric has a global network of facilities and people to provide quick response and personalized attention. No matter where your welding operations are located today, no matter where they will be tomorrow, Lincoln Electric experts are ready to provide local support and create and implement solutions to fit your needs.

SERVICE AND SUPPORT THAT YOU CAN COUNT ON

- » 24/7 Phone Support 1-888-935-3878
- » Contact us with comments or questions REALWELD@lincolnelectric.com
- » REALWELD resources: www.lincolnelectric.com/REALWELD
- » Warranty and Service Support
- » Train-the-Trainer programs held regularly in facilities or on-site training and set-up can be purchased.



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