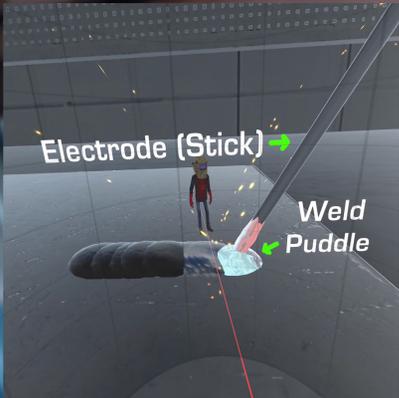




VOYAGE™ ARC



VOYAGE™ ARC VR HEADSET
VIRTUAL REALITY WELDING CAREER EXPLORATION TOOL

**LINCOLN®
ELECTRIC**



Sparking an Interest in Welding

Thinking about a future career choice can be a distant topic to students today. How do you address career options with tech-savvy students that can appear indifferent or disengaged? Virtual Reality!

The Voyage™ Arc Virtual Reality Welding Career Exploration Tool is an interactive and immersive classroom platform that introduces welding fundamentals to students. Developed to spark an interest in a career involving welding, it exposes the learner to career opportunities and promotes career exploration.

The First Step to Discovery

The beginning of the educational journey toward a lifelong career in welding.



Engaging and Immersive Student Experience

From the moment you put the Voyage™ Arc VR headset on, you'll be immersed in a virtual amusement park that provides a unique setting for the student to learn the basics of welding. This interactive environment removes distractions and sustains interest.

Complete Classroom Solution

This all-in-one standalone exploration tool is a classroom-ready device that can supplement existing curricula or become the foundation for career exploration programs. Built with the educator in mind, the Voyage™ Arc VR Tool delivers a key classroom solution that is easily implemented and monitored.

Reliable, Cutting-Edge Technology

The cutting-edge technology of VR delivers the best of all worlds as a tool for introducing welding fundamentals to students. It provides students a multi-sensory, engaging experience in a safe and controlled environment. In addition, it establishes an inclusive and supportive learning platform accessible to every student.

Trusted Education Expertise & Support

When it comes to welding education, no one can match Lincoln Electric's decades of trusted experience, support, and dedication to advancing the training of educators, industry leaders and skilled trade workers in the craft and science of welding.



Engaging and Immersive Student Experience

The Experience

Developed to appeal to today's technology and media-savvy learners, the Voyage™ Arc VR Tool simulates real-world scenarios in an exciting, fun and profoundly engaging virtual reality environment to jumpstart the conversations about what welding is, how it impacts our lives, and why it is an exciting career option.

Self-Paced, Bite-Sized Learning Adventure

The Voyage™ Arc VR Welding Career Exploration Tool transports students into a day-in-the-life adventure of the welding trade. Students navigate through practical welding applications at an amusement park and learn basic welding fundamentals - including the parts of a weld, what takes place to make a weld, what equipment is used, and more. Ten bite-sized learning lessons are guided by continuous narration and on-screen cues.



Immersive Welding Lessons

Ten individual welding lessons will introduce students to GMAW and SMAW techniques throughout the amusement park adventure. With visual cues and repetitive knowledge checks, students are introduced to critical welding skills such as travel speed, position and contact tip to work distance. The student will practice the welding techniques before taking their talent into the park to repair a familiar ride.

Lessons will cover topics such as:

- » Introduction to Safety and Elements of PPE
- » Learning about Common Joints
- » Introduction to GMAW (Gas Metal Arc Welding or MIG Welding)
- » Introduction to SMAW (Shielded Metal Arc Welding or Stick Welding)

Rewarding Engagement

As students progress through the lessons and perfect their welds, they can earn “Spark” points. Points can be used to customize their virtual welding helmet.

Plus, once the student has mastered the weld in each lesson and perfected their welds, they can earn a virtual ride in the park – on a roller coaster, a Ferris wheel, a bumper car and more.

Educator Benefits

The Voyage™ Arc VR Tool is classroom-ready and runs preloaded software developed exclusively by Lincoln Electric. This welding discovery module can supplement existing curricula or become the foundation for new curricula. Instructors do not need welding experience to implement this tool into their syllabus.

Simple Deployment and Monitoring

Students can easily save their progress and quickly pick up where they left off. Lessons can be individually selected or repeated as needed. Teachers can access headsets to view student scores, skills comprehension, and completed lessons.

Inclusive Classroom Capabilities

Instructors may outfit and connect an entire classroom with headsets using the Voyage™ Arc VR Welding Career Exploration Tool's optional LAN box. In addition, the LAN box provides analytic software that makes it easy to monitor and track students' progress with a simple dashboard. The preloaded software aggregates the data from each headset into three different layouts: Leaderboard, Classroom Progress, and Individual User. The data includes arc time, travel speed, work angle and contact tip to work distance (CTWD).

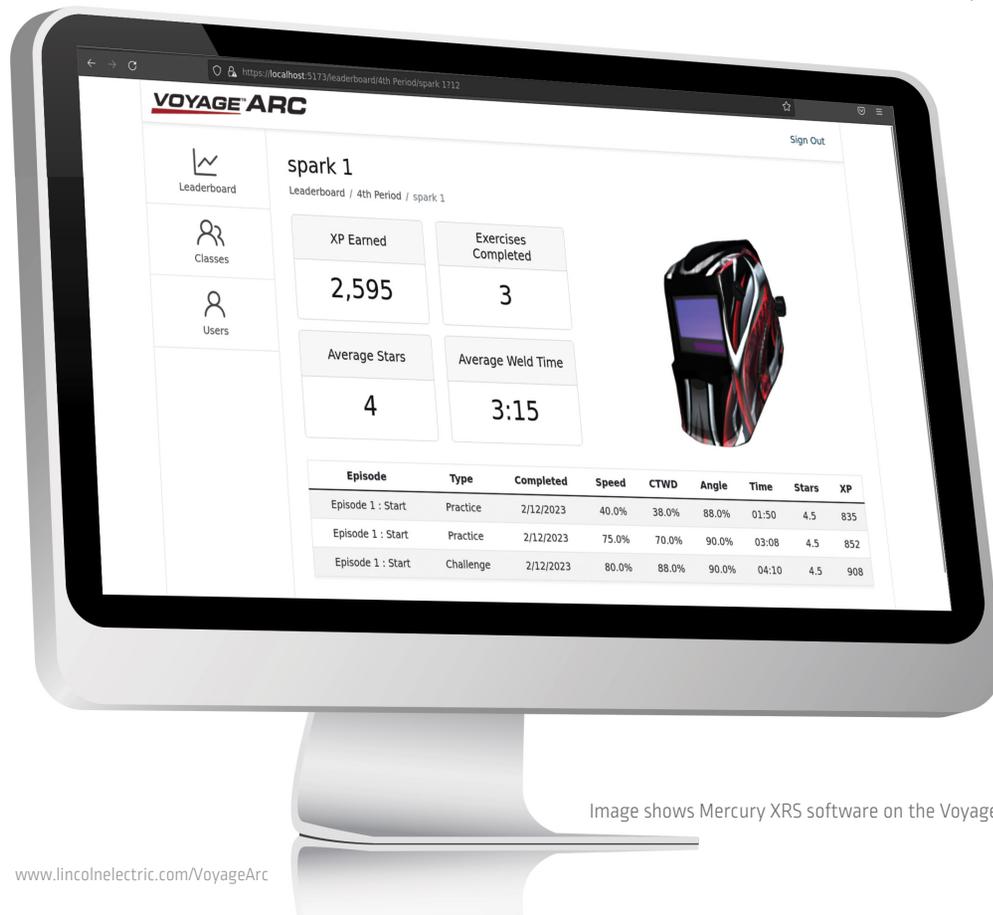


Image shows Mercury XRS software on the Voyage™ Arc LAN Controller Box



Image shows the Voyage™ Arc LAN Controller Box, K5392-1

What's in the Box?

- » pico™ neo3 pro Headset
 - » Suitable for users of all ages
 - » Can be worn with eyeglasses
 - » Comfortable, wipe-clean facial padding, and adjustable head strap
 - » A brightness adjustment to suit individual preferences
 - » Focal adjustment wheel to compensate for different vision requirements
- » Preloaded Lincoln Electric module software
- » Two hand controllers with lanyards allow the learner to maneuver easily
- » USB-C Cable
- » AC Adapter
- » Four 1.5V AA Batteries
- » pico™ neo3 pro User Guide
- » Lanyards



Technical Specifications



Hardware

- » pico™ neo3 pro Headset
- » pico™ neo3 pro Controllers (2x). Controllers require 2 AA batteries each

Technical Specs

- » Display LCD with 5.5 in. diagonal
- » Resolution 3664 x 1920 Pixel, 773 PPI
- » Refresh Rate 90Hz
- » Field of View 98 degrees
- » IPD 58-69mm
- » Audio Integrated speaker & microphone 3.5 mm audio jack
- » Processor Qualcomm® Snapdragon™ XR2 (865)
- » RAM 6 GB LPDDR4xR 2133MHz
- » Memory 256 GB internal
- » Battery 5300 mAh, 3-4 hours run time
- » Ports 1xUSB-C

Software

- » Welcome to Welding World kiosk mode software by Lincoln Electric

Warranty

- » 12-month warranty on the pico™ neo3 pro Headset and components

Bundled Discount One-Pak Options

- » K5338-2 (10) Headsets [20] controllers and LAN
- » K5338-3 (20) Headsets [40] controllers and LAN

Optional Purchase

- » LAN Controller (Local Area Network) - K5392-1.
The LAN Software is Mercury XRS by Roundtable Learning
- » Accessories - The recommended accessory for Monitor/TV display is a Wireless Display Receiver, 5G Dual Band, requiring HDMI and USB ports



Product Shown is K5392-1, LAN Controller

Trusted Education Expertise & Support

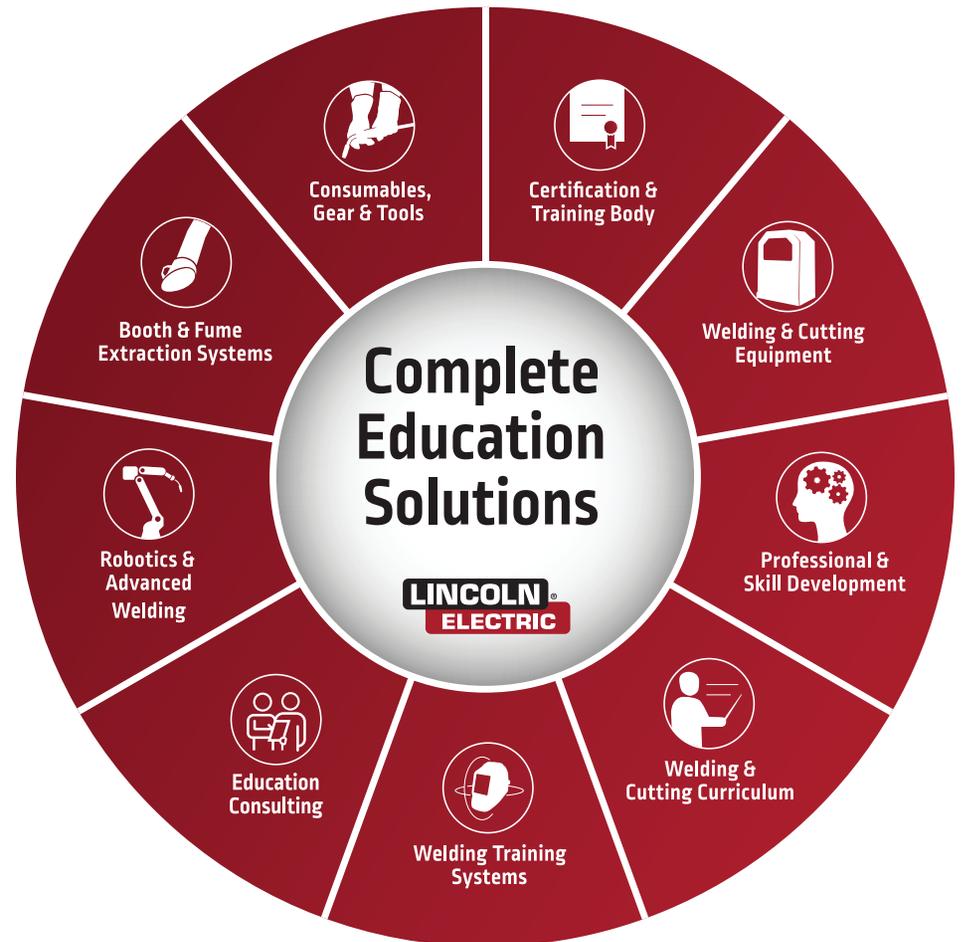
Welding Education by The Welding Experts®

Lincoln Electric boasts over a century of involvement in welding training, research, development, and instruction. The Lincoln Electric Welding School opened in 1917 and is the longest-operating welding school in the world.

Our Mission: As an internationally recognized organization for developing best practices in welding education, Lincoln Electric is dedicated to advancing the training of educators, industry leaders and skilled trade workers in the craft and science of welding.

Our Commitment: Ensure that when experienced welders retire, others will be qualified to take their place and preserve this important and necessary skill.

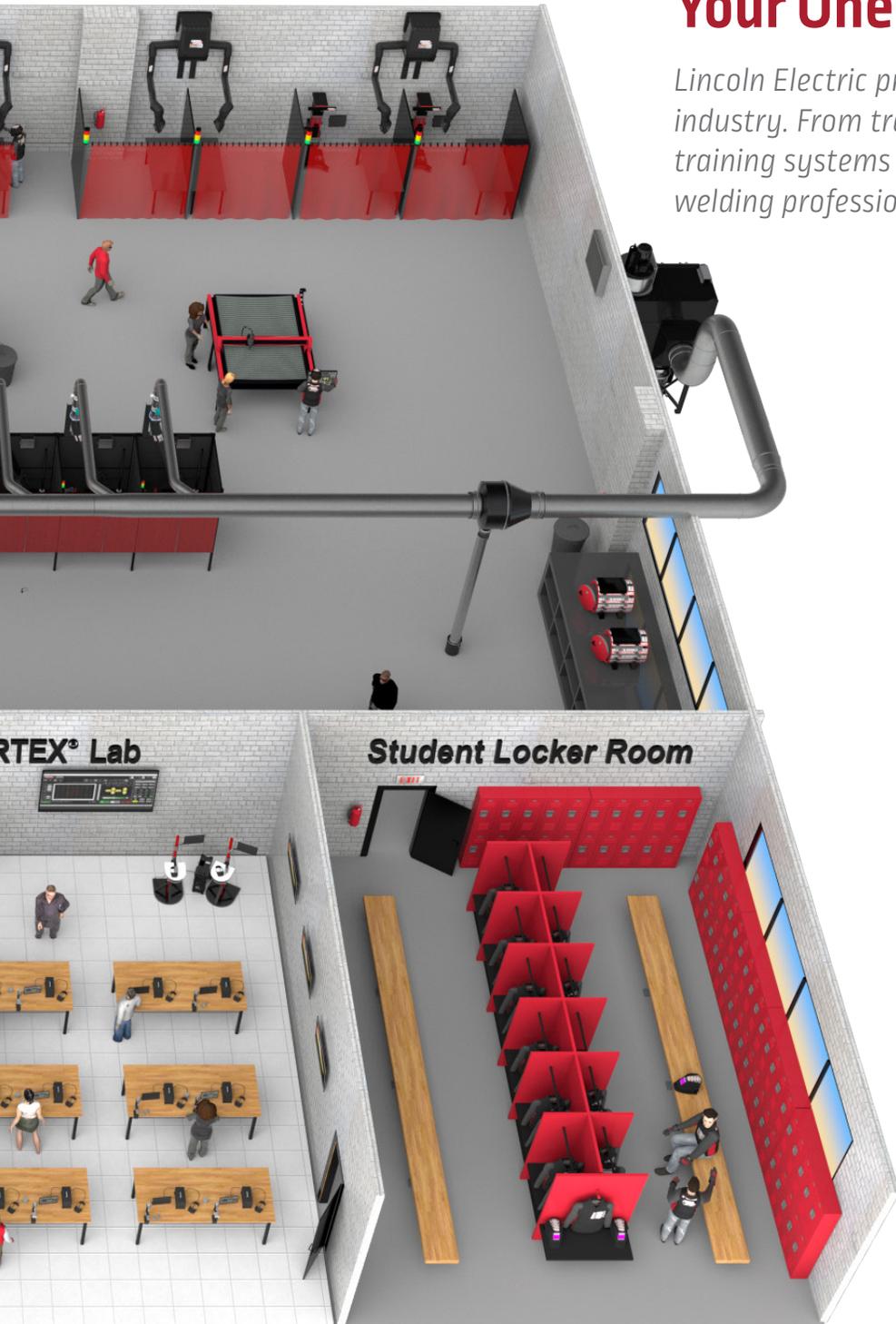
Lincoln Electric participates in industry groups, code development and support of educators, trade and youth organizations such as 4-H, FFA, Boy Scouts of America, SkillsUSA and WorldSkills International.





Your One-Stop Partner for Welding Education

Lincoln Electric provides unparalleled resources for advancing the future of the welding industry. From training equipment and curriculum to accessories and PPE, our welding training systems help students hone skills fast and prepare the next generation of welding professionals to exceed demands for quality and competency.



Step One - The Voyage™ Arc Virtual Reality Welding Career Exploration Tool is the first step in the Lincoln Electric educational journey.

Step Two - Begin welding training using the VRTEX® 360, a virtual reality welding simulator.

Step Three - Welding skills are honed in the Lab.

Step Four - Testing and Certification. Earning welding certifications ensures that students gain accurate knowledge and skills necessary to succeed in many industries. It expands career opportunities.

Contact Lincoln Electric for more information about our complete line of training systems and curriculum.

Customer Assistance Policy

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, and cutting equipment. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications 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, or to provide engineering advice in relation to a specific situation. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and 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.

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