

LINCOLN ELECTRIC INTRODUCES VRTEX[®] MOBILE VIRTUAL REALITY ARC WELDING TRAINING SYSTEM

The new, portable unit joins the existing VRTEX[®] 360 to provide total welding education solutions for schools, training centers and industry customers

Cleveland – [Lincoln Electric](#)'s newest addition to the VRTEX[®] family of virtual reality arc welding (VRAW[™]) training products, the VRTEX[®] Mobile, delivers basic, hands-on entry-level training and skills solution that's consistent with standard industry methodology and evaluation criteria – all in an easily transportable, virtual package. The portable VRTEX[®] Mobile is ideal for use in classrooms, the human resources department or at off-site training or recruitment events.

Key Features:

Welding Applications – With a universal gun handle design (unigun), the VRTEX[®] mobile offers a pre-installed basic GMAW (MIG) package and an optional SMAW stick add-on package, providing training for flat plate, 2F and 3F joints and 1G, 2G and 3G grooves. The virtual SMAW device is at a fixed 90° angle.

- **Portable Design Features** – Designed for roadtrips and tabletop use, the VRTEX[®] Mobile comes with a monoscopic, face-mounted display with touchscreen user interface and a tabletop coupon stand.
- **Real-World Welding; Fun “Gaming” Approach** – Like its more sophisticated partner, the VRTEX[®] 360, the VRTEX[®] Mobile requires students to learn actual machine set-up replication and features a realistic welding puddle, sounds and effects. All VRTEX[®] training systems measure and record students' training results in real time to assist educators in identifying welding deficiencies and strengths. When students complete their virtual training, they can walk into a real welding training booth, put on their helmets and pick up their welding guns feeling confident about set-up and welding procedures and technique.
- **Safe, Cost-Efficient Learning** – Both of the VRTEX[®] virtual reality welding systems – the VRTEX[®] 360 and the VRTEX[®] Mobile – eliminate the cost of hands-on initial learning. Students practice repetitive welding without the time needed to tack plate and toss scrap because the coupon isn't real – it's virtual, appearing with a press of a button. This eliminates costly waste. Lincoln Electric's VRTEX[®] systems also help students to become comfortable with using a welding gun and with the various body positions needed for even the most challenging welding applications, increasing confidence and overall safety in the real welding booth.

To request a copy of Lincoln Electric's VRTEX[®] Mobile product brochure MC12-93 call (888) 355-3213 or visit www.lincolnelectric.com. For resources and additional information on the VRTEX[®] virtual reality welding systems go to www.vrtex360.com or send questions and inquiries to vrtex@lincolnelectric.com.

[The Lincoln Electric Company](#), headquartered in Cleveland, Ohio, is the world leader in the design, development and manufacture of arc welding products, robotic arc welding systems, fume control systems, plasma and oxyfuel cutting equipment and has a leading global position in the brazing and soldering alloys market.

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