

VRTEX Transport includes:

- Virtual reality welding simulator, flexible tabletop welding stand and armrest
- GMAW, SMAW, GTAW (with and without filler metal), FCAW
- 2 TIG foot control
- Base metals include: Mild Steel, Aluminum, Stainless Steel
- Coupons: Groove 3/8 in. (9.5mm), Tee Joint, Lap Joint, Flat plate
- Stick Electrode included: E6010, E6013, E7018
- MIG Wire included: .035" ER70S-6, .045" ER70S-6, ER4043, ER308/308L
- Flux Core: E71T-1, E71T-8
- TIG Filler Metal ER4043, ER308/308L
- Welding positions: 2F, 3F, 1G, 2G, 3G
- Welding techniques: push, drag, straight stringer, weave and whip, dip
- Positions include vertical, horizontal and flat
- Discontinuities shown in the weld and scoring
- Additional features include: quench, trim, clean and cheater lenses.
- Multi-pass welds
- Instant feedback on travel speed, work angle, travel angle, contact tip to work distance/arc length and aim
- GTAW scoring additions: dip frequency, filler movement
- Weave scoring additions: weave timing, weave spacing, and weave width
- E6010 scoring additions: whip timing, dime spacing, and puddle time
- Languages: English, German, Spanish, Portuguese, Russian
- Replay mode
- Demo welds
- Tolerance Levels - User Customization
- Learning Levels
- Record, archive and verify student work
- VRTEX New Lessons in Arc Welding - SMAW & GMAW
- VRTEX Project Based Lessons - Book 1, Book 1 Instructor Guide & Book 2



VRTEX® virtual reality arc welding training simulators take welding training to a new level. These educational tools are designed to supplement and enhance traditional welding training. The VRTEX systems promote the efficient transfer of quality welding skills and body positioning to the welding booth while reducing material waste associated with traditional welding training. The combination of realistic puddle, arc welding sound and real time feedback tied to the welder's movement provides an exciting, hands-on training experience. Ideal for basic to advanced welding training, they are also used for skill evaluation, recruiting and engagement tools for welding education and industry.