A new generation of AR welding training solutions

Augmented Training for Welding
New features

- The most realistic front panel similar to welding power sources.
- Real welding mask providing an ergonomic and comfortable feeling.
- User friendly and intuitive software interface.
- High camera resolution for AR enabling different welding positions, providing the closest to reality welding performance.
- Different selectable bead lengths.
- The AR system automatically adapts to existing lighting conditions.

Some facts...

+ 2,000 units in + 50 countries worldwide.
+ 400 governments and big industrial companies are using Soldamatic.

* Increase the arc-on time by 3 to 5 times.

56%* real workshop time reduction.

68%* average consumable savings.

400%* Educate 4 times more students while keeping your existing lab infrastructure.

34%* more certified trainees for IW than traditional methodology.

*Real case-study of a Soldamatic classroom in a Welding Centre
GREEN AND SAFE TECHNOLOGY
Our technology helps reduce the CO2 emissions of welding programs and avoids physical risks for students.

INTERNATIONAL TRAINING PROGRAMS
Lessons and practices are compliant with specifications and guidelines of the International Welder Program by the IWS, the Sense Program by the AWS, German DVS Media...

ENGAGING METHODOLOGY
Use Augmented Reality and gamification to engage the next generation of industrial workers.

TEACHER SOFTWARE
With our Teacher Software, all practices are tracked in the Virtual Classroom and assessed within the Analysis Module.

REMOTE UPGRADING AND MAINTENANCE SYSTEM
Remote software updates, online technical seminars, remote technical and support in real-time worldwide.

COMPREHENSIVE WELDING TRAINING SYSTEM
Most complete simulator based on leading edge and patented Augmented Reality (AR) welding training technology (following AWS and according to ASME Section IX, UNE-EN 287-1 and EN ISO 6947).
Augmented Training represents a new paradigm for vocational, technical and industrial training. An approach that combines innovative technology and education.
Technical features

- Advanced AR Simulator with real components and instruments.
- Teacher Software (TS): Learning Management system (LMS) that integrates Welding Curriculum with simulated exercises and real lab practices.
- Analysis Module providing a student progress overview for better control of all welding training.

COMPONENTS STANDARD
- Soldamatic power source
- e-Soldamatic platform
- Teacher Software
- Wifi Router
- Augmented Reality Mask
- Five workpieces (coupons):
  - T-angled plate
  - Overlapped plate
  - V-Butt plate
  - V-Butt Pipe 6"
  - T-angled plate to pipe 6"
- Real welding torches (by Abicor Binzel)
  - GTAW (TIG)
  - GMAW (MIG/MAG)
  - FCAW
  - SMAW (Electrode)
- AR electrode stick
- AR Filler Rod
- Welding gloves

COMPONENTS OPTIONAL
- Soldamatic Server*
- Work Stand
- Secure Transport Flight Case
- International Training Programs (compliant with AWS, IIW)
- Base materials: stainless steel, aluminum
- Warranty extension available

*S: Necessary in training classrooms with 2 or more Soldamatic
Seabery is an international company pioneering the development of Augmented Reality (AR) for professional training.

Soldamatic is the first AR welding training solution worldwide. Together with a Learning Management System (LMS), augmented training allows you to train qualified welders in a more sustainable and efficient way.

SEABERYAT.COM

More info at SOLDAMATIC.COM