

**NEW**

**PRODUCTS**

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## Welding Simulator for Aluminum Reproduces Arc, Sparks

The arc+® welding simulator allows the user to generate a virtual welder hands-on action environment. It reproduces the bead size, weld pool, arc, metal transfer, sparks, and virtual smoke. Also, it recognizes welding defects and their causes. While taking into account several variables affecting a weld, it gives the user an opportunity to qualify his or her work, thanks to the help of a diagnosis report, a ranking note, and a visual examination as per a real welded test assembly. With the help of patent-pending technologies, it can detect welder motion, digitally

process links between metallurgy with motion, and cast image in 3D based on the user's gestures.

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