



SOLDAMATIC WELDING TRAINER SIMULATOR - DATA SHEET

1 Supported welding processes	Coated Electrode, GMAW and GTAW
2 Supported joints	Main version: V-butt joint, lap joint, T-joint, pipe square-butt joint and pipe T-joint. Other joints as an option
3 Welding positions (ANSI/AWS A.0:2001)	1F, 2F, 3F, 4F, 1G, 2G, 3G, 4G, 5G, 6G
3 Workpieces positions	Plain, horizontal, vertical, 45°, overhead
4 Voltage selection	YES
5 Intensity (Amperage) selection	YES
6 Polarity selection	YES
7 Shielding gas selection	YES
8 Wire speed selection	YES, in GMAW
9 Current selection	YES. Alternating Current/Direct Current

10 Workpiece material selection	Main version: carbon steel. Optional: inox steel, aluminium, nickel, copper, etc.
11 Workpiece thickness selection	YES
12 Electrode stick selection	Main version: base, rutile. Optional: celulosic, etc.
13 Electrode thickness selection	YES
14 Filler rod selection	YES
15 Analysis and evaluation mode	Main version: Basic analysis module. Optional: Advanced Pro analysis module
16 Help mode for students	YES
17 Vision technology	Augmented Reality
18 Power supply	115-230 V 50-60 Hz
19 Dimensions (without accesories)	400 x 230 x 440 mm
20 Weight (without accesories)	10 kgs. aprox.
21 Weight (with accesories)	22 kgs. aprox.
22 Accesories included	Main version: Welding torches (electrode stick, GMAW and GTAW), Welding Mask with Augmented Reality, 5 Workpieces, Filler Rod, All Necessary Cables. Optional: Workpad.
23 Processor	Intel® Core i7 870 4 cores 3,60 GHZ Speed Cache 8MB Intel® Turbo Boost Intel® Hyper Threading
24 Chipset	Intel® H61(B3) Express Chipset
25 RAM	4GB (2x2048Mb) DIMM DDR3
26 Graphic Board	1024 MB GDDR5
27 Hard Disc	Solid State 32GB SSDNow SATA2 2,5"
28 Audio	Realtek® ALC887 8-Channel High Definition Audio
29 Operating System	SbyOS. Seabery Operating system optimized for SOLDAMATIC.

30 Display size	9,7"
31 Display resolution	HD LCD 1024x768 XGA
32 Port for external display/projector	VGA
33 Augmented Reality glasses resolution	High Resolution LCD 640x480. VGA Display input up to 1024x768. Ultra-low video distortion. 31° Diagonal field of view. 24-bit True Color. Similar to viewing a 67-inch screen from a distance of 10 feet (3 meters). Focus Adjustment +2 to -5 diopters.
34 Augmented Reality glasses power supply	5 V
35 Cameras resolution (x2)	752 x 480 a 60 fps.
36 Cameras power supply	5 V
37 Operating temperature	0 - 45°
38 Humidity	10 - 80%
39 Remote Maintenance and Upgrades	YES
40 Specific customer adaptations on demand	YES
41 Regulations	CE and FCC

Note: the information contained here is for commercial purposes and does not mean any legal contract or obligation for the company.