

SOLDAMATIC'2018

AUGMENTED TRAINING FOR WELDING



An innovative educational solution based on
Augmented Reality to enhance your training experience!

Data sheet

soldamatic.com


RELEASE YOUR TALENT

SUPPORTED WELDING PROCESSES	GMAW, FCAW, SMAW and GTAW
WELDING COUPONS	V-butt 6" pipe; Overlapped plate; Tangled plate; V-butt plate and T-angled 6" pipe to plate
WELDING POSITIONS (ANSI/AWS A3.0M/A3.0:2010)	1F, 2F, 3F, 4F, 1G, 2G, 3G, 4G, 5G, 6G
ORIENTATIONS	Flat, horizontal, vertical, 45°, overhead and pipe
VOLTAGE SELECTION	YES
INTENSITY (AMPERAGE) SELECTION	YES
POLARITY SELECTION	YES
SHIELDING GAS SELECTION	YES
WIRE SPEED SELECTION	YES, in GMAW and GTAW
CURRENT SELECTION	YES. Alternating Current/Direct Current
COUPON MATERIAL SELECTION	STANDARD: carbon steel OPTIONAL: stainless steel, aluminum
COUPON THICKNESS SELECTION	YES
ELECTRODE STICK SELECTION	STANDARD: base, rutile OPTIONAL: celulosic, etc
ELECTRODE STICK DIAMETER SELECTION	YES
FILLER ROD SELECTION	YES
ANALYSIS MODULE	YES
HELP MODE FOR STUDENTS	YES
VISION TECHNOLOGY	Augmented Reality
POWER SUPPLY	100-240V
DIMENSIONS (WITHOUT ACCESORIES)	420 x 238 x 440 mm (15,53 x 9,37 x 17,32 in.)
WEIGHT (WITHOUT HELMET)	12 Kilograms (26.4 lbs)
WEIGHT (WITH HELMET)	13 Kilograms (28.6 lbs.)
ACCESORIES INCLUDED	STANDARD: Augmented Reality Helmet, cables. OPTIONAL: Work stand, flight case and server.
PROCESSOR	Intel Core® i7 ultimate generation
CHIPSET	Intel® H110 Express Chipset
RAM	4GB DDR4-2133
GRAPHIC CARD	NVIDIA® GM206 Maxwell architecture GPU GeForce GTX 950
HARD DISK	Solid State 120 GB SSDNow SATA2 2.5"
AUDIO	Realtek® ALC887 8-Channel High Definition Audio
OPERATING SYSTEM	Seabery Operating System optimized for Soldamatic v.2.5

DISPLAY SIZE	9,7"
DISPLAY RESOLUTION	HD LCD 1024 x 768 XGA
PORT FOR EXTERNAL DISPLAY/PROJECTOR	VGA
AR VISION MODULE RESOLUTION	HD LCD 5.6" VGA Display input up to 1280 x 800 Ultra-low video distortion 24-bit True Colour
CAMERAS RESOLUTION (X2)	752 x 480 a 60 fps.
OPERATING TEMPERATURE	0 - 45°
HUMIDITY	10 - 80%
REMOTE MAINTENANCE AND UPGRADES	YES
MASTER SOFTWARE: MINIMUM HARDWARE REQUIREMENTS	Windows Vista 7/8/10 Processor 32 bits (x86) 2.2GHz 3MB RAM 2GB Graphic 512MB DirectX 9.0c compatible. NVidia GeForce GT440 or higher ATI Radeon HD5000 or higher HDD 250MB
SERVER HARDWARE	Processor Intel i3 ultimate generation 3.7 GHZ RAM 4 GB
SPECIFIC CUSTOMER ADAPTATIONS ON DEMAND	YES
REGULATIONS	CE and FCC
CERTIFICATIONS	ISO 9001 Quality Management System ISO 14001 Environmental Management System

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