

SIM WELDER™

GMAW Module Features:

Weld configurations					Symbol
Process	Metal	Joint	Position		
GMAW	Mild Steel	Tee	Flat	Fillet	1F
			Horizontal	Fillet	2F
			Vertical	Fillet	3F
			Overhead	Fillet	4F
		Full-Open Corner	Flat	Fillet	1F
			Horizontal	Fillet	2F
	Aluminum	Tee	Flat	Fillet	1F
			Horizontal	Fillet	2F
			Vertical	Fillet	3F
			Overhead	Fillet	4F
		Full-Open Corner	Flat	Fillet	1F
			Horizontal	Fillet	2F
		Vertical	Fillet	3F	

- Turn key integrated software and hardware appliance
- Operates on a Windows™ platform
- Displays the student's real time view of the realistic weld bead to the student and instructor
- Displays sparks, smoke, and lighting effects as the virtual torch deposits fill
- Enables users to:
 - Properly set up the weld equipment (e.g., power, polarity, gas flow, wire feed speed, and voltage)
 - Trim the wire, quench the metal, and clean the work
- Displays visual cues that aid in quicker learning
- Displays a real time graph of student performance:
 - Travel speed
 - Work angle
 - Tip to work distance
 - Travel angle
- Saves an electronic student report with graphs and a snapshot of each weld pass
- VRSim can match weld parameter tolerances to customer's training requirements:
 - Travel speed
 - Work angle
 - Travel angle
 - Tip to work distance
 - Bead Seam position