

SimSpray 3.x Tech Specs

Document version #1.05, Last updated: 1/27/21

Category		Description				
Weight	Unit Only:	145 lbs (w/o blaster) 158 lbs (w/ blaster)	66 kg (w/o blaster) 72 kg (w/ blaster)			
	Pallet Pack Container: (DuraGreen)	224 lbs (w/o blaster) 239 lbs (w/ blaster)	102 kg (w/o blaster) 109 kg (w/ blaster)			
Dimensions (W x D x H)	In Use:	51" x 25" x 81"	1.2954 x 0.635 x 2.0574 m			
	Closed:	24.5" x 25.25" x 48"	0.6223 x 0.6414 x 1.2192 m			
	Pallet Pack Container: (DuraGreen)	48" x 57" x 34"	1.2192 x 1.4478 x 0.8636 m			
Working Space (Zone) Dimensions (W x D x H)	Ideal Open Space:	Minimum: 10' x 11' x 10'		Minimum: 3.048 x 3.3528 x 3.048 m		
		Minimum requirements include space for the SimSpray unit and for user movement. Admins can select trackable zones from default room shapes with small, medium, or large options (W x D):	S	6.7' x 6.7'	2.0422 x 2.0422 m	
			M	12.5' x 15.7'	3.81 x 4.7854 m	
			L	12.5' x 25'	3.81 x 7.62 m	
See the Positioning section of the Quick Start Guide . Minimize reflections or infrared interference. SimSpray uses a camera based tracking system. Cover sources of IR (Infrared) interference, turn off infrared emitting devices, or reposition or move the system.						
Power Requirements		Input Voltage	Input Frequency	Current	Misc.	
	US	120 VAC	50-60Hz	2-5 Amps (In-Use: 2 Amps, Max: 5 Amps)	Standard, 3-pronged, bladed, household outlet	
	INTL	100-250 VAC			Regional power plug adapter included	
SimSpray Peripherals	VRSim Spray Gun, Powder Gun, and/or Abrasive Blasting Gun (motion tracked) (supports 1 active user at a time)					
	VIVE Pro (motion tracked first-person perspective video) (2880 x 1600 resolution, 90 Hz, 110° field of view)					
	Touchscreen (touch interface and video) (1080p, 1920x1080 resolution, 60 Hz)					
	Speakers (sound)					
Motion Tracking	Infrared					
Available External Device Connections	HDMI video to an additional external display (TV or Projector). SimSpray outputs 1080p (widescreen 1920x1080 resolution, progressive mode) at 60 Hz. Additional external display and cabling not included but recommended if showing to 4+ people at the same time.					
	USB flash drive. Instructor USB included to collect Student Reports (PDFs), Lesson Progress (CSV), and Paintometer® summary (CSV). Optionally, students and trainees may want their own USBs, not included. System supports 1 USB inserted at a time. Use a non-SimSpray computer to distribute (email), print, make copies of, and/or delete Student Reports from Student Report USB(s).					
Technical Support Needs	Wired internet connection preferred, wireless available. Requires connecting the included Computer and Mouse. Ethernet cabling not included. SimSpray normally operates offline, disconnected from any network. Software updates and tech support may require an additional USB and non-SimSpray computer with internet access and access to download files (e.g., Dropbox).					

Note: Specs are subject to change and may be replaced with comparable hardware or system.